

LABORATORIES Northwest  
Test Directory

TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
5 FLUCYTOSINE	5 Flourocytocine	Red 1.5 mL serum (1 mL minimum) No gel barrier tubes Freeze serum		4 days
5 FLUOROCYTOCINE	5 Flucytosine	Red 1.5mL serum (1mL minimum) No gel barrier tubes Freeze serum		4 days
5'NUCLEOTIDASE	5'NT	Gold 2 mL serum (0.5 mL minimum) No hemolysis		4 days
5-HIAA (5' HYDROXY INDOLEACETIC ACID) 24 Hr Urine		Urine 24-Hr 10 mL urine aliquot Record 24-hr total volume Refrigerate during collection	See dietary/drug restrictions in specimen collection section.	72 hrs
11 DEOXYCORTISOL (COMPOUND S)	Compound S		Refrigerate	72 hrs
17 HYDROXYCORTICOSTEROIDS	17OH	Urine 24-Hr 15 mL aliquot Record 24 hr total volume	Refrigerate during collection	72 hrs
17 HYDROXYPROGESTERONE		Red 1 mL serum (0.2 mL minimum) No gel barrier tubes	Refrigerate	72 hrs
17 KETOSTEROIDS, Urine 24-hr	Androsterone	Urine 24-Hr 15 mL aliquot Record 24-hr total volume Refrigerate during collection		72 hrs
A TENUIS IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
A. FUMIGATUS IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
A.PULLULANS IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
ABO and RH		Lavender 1 mL whole blood		Daily
ABO/RH/DIRECT COOMBS INFANTS		Lavender microtainer (0.3 mL whole blood minimum)		Daily
ACE	Angiotensin Converting Enzyme			
ACETAMINOPHEN		Gold 1 mL serum (0.5 mL minimum)	Draw at least 4 hours after taking drug for peak concentration	Daily
ACETONE		Gold 1 mL serum (0.5mL minimum)		Daily
ACETYLCHOLINE RECEPTOR ANTIBODY		Gold 1 mL serum (0.5 mL minimum)		4 days
ACETYLCHOLINESTERASE		Gold 2 mL serum (0.5 mL minimum)		4 days
ACETYLSALICYLIC ACID (ASA)		Gold 1 mL serum (0.5mL minimum)	Draw specimen >6 hours after taking aspirin	Daily
ACID PHOSPHATASE, Fractionated		Gold 1.5 mL serum minimum		5 days
ACLA	Anti-cardiolipin Antibody	Gold 1 mL serum (0.5 mL minimum) No hemolysis		5 days

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<b>ACTH (ADRENOCORTICOTROPIC HORMONE)</b>		Lavender 1.5 mL plasma (0.5 mL min) No hemolysis Draw between 7-10am into ICED EDTA tubes, then immerse tubes into ice bath. Freeze serum ASAP		Daily
<b>ACTIVATED PARTIAL TISSUE THROMBOPLASTIN</b>	PTT or APTT	Blue Fill to exact volume. Double spin, remove plasma within 1 hr, freeze.		Daily
<b>ACTIVATED PROTEIN C RESISTANCE</b>	Factor V Leiden Screen	Blue Fill to exact volume. Double spin, remove plasma within 1 hr, freeze.		4 days
<b>ADAPIN</b>	Doxepin	Red 4 ml serum (1.5 mL minimum) no SST Draw 10-14 hrs post dose		4 days
<b>ADENOVIRUS ANTIBODY</b>		Gold 1 mL serum (0.5 mL minimum) Refrigerate		4 days
<b>AEROBIC CULTURE</b>		Double swab in aerobic transport kit. Tissue or fluid specimens in sterile container.	Includes gram stain if appropriate for specimen	2 days
<b>AFB CULTURE</b>		Sputum, lower respiratory tract, or node aspirates: put in sterile container	Include acid-fast stain on most sources.	6 week
<b>AFP RISK SCREEN</b>		Gold 5 mL serum		48 hrs
<b>ALA (DELTA AMINOLEVULINIC ACID)</b>	Delta Aminolevulinic Acid	Urine 10 mL random urine OR 24-hr urine collection aliquot (cover with foil to protect from light) Refrigerate during collection Record 24-hr total volume		4 days
<b>ALANINE AMINO TRANSFERASE</b>	SGPT, ALT	Gold 1 mL serum (0.5 mL minimum)		Daily
<b>ALBUMIN, Fluid</b>		Fluid 2 mL Note fluid source		Daily
<b>ALBUMIN, Serum</b>		Gold 1 mL serum (0.3 mL minimum)		Daily
<b>ALCOHOL (ETHANOL), Serum</b>	Ethyl Alcohol	Green 1 mL serum (0.3 mL minimum) Do not open tube Do not use alcohol swabs		Daily
<b>ALDER IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>ALDOLASE</b>		Gold 2 mL serum (0.5 mL min) No hemolysis Freeze		72 hrs
<b>ALDOSTERONE, Serum</b>		Gold 1 mL serum (0.5 mL min) Fasting best Patient: maintain upright or supine position for 4 hours prior to collection (note whether supine or upright).		72 hrs
<b>ALDOSTERONE, Urine 24-hr</b>		Urine 24-Hr 10 mL aliquot Refrigerate during collection		7 days

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ALKALINE PHOSPHATASE ISOENZYMES		Gold 2 mL serum (1 minimum) Refrigerate		72 hrs
ALKALINE PHOSPHATASE, Serum		Gold 1 mL serum (0.3 mL minimum)		Daily
ALLERGY TESTING	see individual allergens			Daily
ALMOND IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
ALPHA-1 ANTITRYPSIN, Serum		Gold 1 mL serum (0.3 mL min) Refrigerate Fasting best		Daily
ALPHA-1 ANTITRYPSIN, Stool		Stool 80 g Freeze Indicate if 24 hr or random specimen		4 days
ALPHA-FETOPROTEIN, Amniotic Fluid	AFP Amniotic Fluid	Amniotic Fluid 1 mL minimum Room temperature Provide gestation age and maternal DOB		4 days
ALPHA-FETOPROTEIN, Maternal serum/tumor marker		Gold 1 mL serum Refrigerate (0.6 mL minimum)	Also see Prenatal Risk Screen Profile	48 hrs
ALT (ALANINE AMINO TRANSFERASE)	SGPT	Gold 1 mL serum (0.5 mL minimum)		Daily
ALUMINUM		Royal Blue Serum Trace Metal tube 2 mL serum (1.2 mL minimum)		72 hrs
AMIKACIN, PEAK or TROUGH		Gold 1 mL serum (0.2 mL minimum) Peak: Draw 60 minutes after IM, 30 minute I.V. or immediately after 60 minute I.V. Trough: Draw prior to next dose	Indicate peak or trough	Daily
AMINO ACID METABOLIC SCREEN	Metabolic Screen, urine	Urine 10 mL (6 mL minimum) Freeze		14 days
AMINO ACIDS, Blood Quantitative		Gold 1 mL serum (0.5 mL minimum)		14 days
AMITRIPTYLINE, Quantitative	Elavil	Red 4 mL serum (1.5 mL minimum) Refrigerate No gel barrier tubes		72 hrs
AMMONIA (NH3)	NH3	Green (Lithium or Na Heparin) 1 mL plasma (0.3 mL min) Separate plasma within 15 minutes. Keep on ice Transport to lab ASAP	Keep on ice. Transport to lab within 10 minutes	Daily
AMOEBIA ANTIBODY		Gold 1 mL serum (0.5 mL minimum)		4 days
AMPHETAMINE SCREEN, Urine		Urine 25 mL (10 mL minimum) Part of Medical Tox Screen	Order confirmation separately	Daily
AMPHETAMINE SCREEN, Urine, Confirmation		Urine 10 mL Order only if positive drug screen		48 hrs
AMYLASE, Fluid		Fluid 1 mL (0.3 mL minimum) Note fluid source		Daily
AMYLASE, Serum		Gold 1 mL serum (0.5 mL minimum)		Daily

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AMYLASE, Urine Random		Urine 1 mL Timed 2-hr specimen preferred Refrigerate		Daily
AMYLASE, Urine Timed		Urine Timed 2-hr specimen Refrigerate during collection Indicate collection period		Daily
ANA (ANTINUCLEAR ANTIBODY)	Antinuclear Antibody	Gold 1.0 mL serum (0.5 mL minimum) Refrigerate	Titer included when screen positive	Daily
ANA REFLEXIVE PANEL		Gold 3 mL serum	ANA +, reflexes to Anti DS DNA IFA & EIA, ENA SM and RNP, and Scleroderma SCL 70	72 hrs
ANCA PANEL	ANCA, PANCA, CANCA	Gold 2 mL serum	Includes: ANCA, PANCA, CANCA	5 days
ANDROSTENEDIONE		Red 2 mL serum (0.5 mL minimum) Early morning specimen best		4 days
ANDROSTERONE		24 hour urine collection. Refrigerate, submit entire collection		4 days
ANGIOTENSIN CONVERTING ENZYME (ACE)	ACE	Gold 1 mL serum (0.5 mL minimum) Separate and refrigerate within 1 hour of collection		72 hrs
ANIMAL DANDER IGE MIX		Gold 1 ml serum (0.5 mL minimum)	Includes: cat, dog, horse, & cow dander	Daily
ANTI DS DNA EIA	DNA double stranded Antibody	Gold 1 mL serum		72 hrs
ANTI-CCP	CCP, Anti-Cyclic Citrullinated Peptide	Gold 1 mL serum minimum		4 days
ANTI-STREPTOLYSIN O	ASO Titer	Gold 1 ml serum		Daily
ANTI-THYROID PEROXIDASE ANTIBODY	Anti-TPO, Thyroid Peroxidase (TPO)	Gold 1 mL serum (0.5 mL minimum) Refrigerate		Daily
ANTIBODY SCREEN		Lavender or Pink 4 mL whole blood		Daily
ANTIBODY TITER		Red 4 mL serum Avoid hemolysis No gel barrier tubes		Daily
ANTICARDIOLIPIN ANTIBODY	ACLA	Gold 1.0 mL serum (0.5 mL minimum) Avoid hemolysis Refrigerate		4 days
ANTICARDIOLIPIN IGA		Gold 1 mL serum (0.5 mL min) Refrigerate No hemolysis		72 hrs
ANTICENTROMERE ANTIBODY		Gold 1 mL serum (0.3 mL min) Refrigerate No hemolysis	Titered if positive	72 hrs

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ANTICEREBELLAR ANTIBODY	Purkinje Cell Ab, Yo Antibody	Gold 1 mL serum (0.6 mL minimum) Fasting best Freeze serum		4 days
ANTIGLIADIN ANTIBODY		Gold 1 mL serum (0.5 mL minimum)	Includes IgA and IgG	72 hrs
ANTIGLOMERULAR BASEMENT MEMBRANE ANTIBODY		Gold 2 mL serum (0.5 mL minimum)		4 days
ANTIHISTONE ANTIBODY		Gold 2.0 mL serum (0.5 mL minimum) Fasting best Refrigerate No hemolysis		72 hrs
ANTINUCLEAR ANTIBODY	ANA	Gold 1 mL serum (0.5 mL minimum)	Titer included when screen positive	Daily
ANTINEUTROPHIL CYTOPLASMIC ANTIBODY	Nuclear Cytoplasmic Ab, ANCA	Gold 2.0 mL serum (1 mL minimum) Freeze serum		5 days
ANTIIPHOSPHOLIPID ANTIBODIES	Order component tests individually			
ANTIPLATELET ANTIBODY	Platelet Ab Study	Call LabsNW for collection instructions		
ANTISMOOTH MUSCLE ANTIBODY	Smooth Muscle Antibody	Gold 1 mL serum (0.5 mL minimum)	Positives Titered	5 days
ANTISTRIATED MUSCLE ANTIBODY	Skeletal Muscle Antibody	Gold 1 mL serum (0.5 mL minimum) Freeze serum		4 days
ANTITHROMBIN III ASSAY (Heparin Cofactor)	Antithrombin 3	Blue - filled to exact volume 1 mL plasma minimum Separate plasma and freeze No hemolysis, no clotting		48 hours
APPLE IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
APT TEST	Fetal Hgb Screen, Diaper test	Plastic container or diaper, fresh grossly bloody stool		Daily
APTT - ACT. PARTIAL THROMBIN TIME	PTT	Blue - filled to exact volume 1 mL plasma No hemolysis, no clots Double spin and freeze plasma		Daily
ARSENIC, Blood		Royal Blue EDTA 5 mL whole blood (2 mL minimum) Refrigerate	Quantitative	4 days
ARSENIC, Urine 24-hr		Urine 24-Hr acid washed container 10 mL aliquot Record 24-hr total volume Refrigerate during collection		4 days
ASCORBIC ACID	Vitamin C			
ASO (ANTI-STREPTOLYSIN O) TITER	ASO Titer	Gold 1 ml serum		Daily
ASPERGILLUS ANTIBODY		Gold 1 mL serum (0.5 mL minimum)		4 days

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ASPIRATES AND FLUIDS		Fluid 50-100 mL No fixative Note fluid source		Daily
ASPIRIN	Salicylate			
ASPIRIN PLATELET FUNCTION		Special requirements, please call Client Services for details (253.403.1187)		Daily
AST (ASPARTATE AMINO TRANSFERASE)	SGOT	Gold 1mL (0.5 mL minimum) No hemolysis		Daily
ATIVAN	Lorezepam			
AVENTYL	Nortriptylene			
AVOCADO IGE	Avocado Rast	Gold 1 mL serum (0.5 mL minimum)		Daily
B-HCG, Quantitative	HCG quantitative			Daily
B-TYPE NATRIURETIC PEPTIDE	BNP			Daily
B12	Vitamin B12			Daily
BACLOFEN	Lioresal	Red 1 mL serum		5 days
BANANA IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
BARBITURATES SCREEN, Urine	Part of medical tox screen			Daily
BARBITURATES SCREEN, Confirmation		Urine 10 mL Specimen from tox screen can be used		48 hours
BARLEY IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
BASIC METABOLIC PANEL	BMPL	Gold 1 mL serum (0.5 mL min) Refrigerate No hemolysis		Daily
BEEF IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
BENZODIAZEPINES SCREEN, Confirmation		Urine 25 mL Specimen from tox screen can be used		48 hours
BENZODIAZEPINES SCREEN, Urine	Part of medical tox screen			Daily
BERMUDA GRASS IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
BETA 2 GLYCOPROTEIN 1 ABS		Gold 1.5 mL serum (1 mL minimum) Freeze serum	Tests for IgG, IgM, IgA	4 days
BETA 2 GLYCOPROTEIN 1 IGG		Gold 1.5 mL serum (1 mL minimum) Freeze serum		4 days
BETA 2 MICROGLOBULIN		Gold 2 mL serum (0.5 mL minimum) Fasting best		72 hrs

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
<b>BILE ACIDS</b>	Cholyglycine	Red 2 ml serum No gel barrier tubes. Fasting best. Allow specimen to clot completely before centrifuging at room temp. Refrigerate serum		5 days
<b>BILIRUBIN, Fluid</b>		Fluid 1 mL Note fluid source		Daily
<b>BILIRUBIN, NEONATAL, Total and Direct</b>		Gold 1 ml serum or Amber microtainer 0.6 mL serum min. Protect from light		Daily
<b>BILIRUBIN, Total</b>		Gold 1 ml serum or Amber microtainer 0.6 mL serum min. Protect from light		Daily
<b>BILIRUBIN, Total and Direct</b>		Gold 1ml serum or Amber microtainer 0.6 mL serum min. Protect from light		Daily
<b>BIOPSY</b>		Tissue in 10% Buffered Formalin		Daily
<b>BIRCH IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>BLACK PEPPER IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>BLEEDING TIME</b>	Platelet Function Screen	Contact LabsNW for further information		
<b>BLOOD COUNT AND PLATELET</b>	Hemogram	Lavender 1 mL whole blood (0.4 mL minimum) Avoid hemolysis		Daily
<b>BLOOD CULTURE</b>	Culture, Blood	Draw blood into Aerobic & Anaerobic BacT/Alert blood culture bottles. For pediatrics submit one Pediatric BacT/Alert blood culture bottle.		Daily
<b>BLOOD SMEAR REVIEW (Pathologist examination)</b>		Lavender 1 mL whole blood minimum		Daily
<b>BLOOD SUGAR</b>	Glucose			
<b>BLOOD TYPE</b>	ABO and Rh			
<b>BLUEBERRY IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>BMPL</b>	Basic Metabolic Screen			Daily
<b>BNP</b>	B-Type Natriuretic Peptide	Lavender 1 mL plasma (0.5 mL minimum)	Measurements of BNP should occur prior to Natreacor (nesiritide, recombinant BNP) treatment and/or 2 hours post-treatment.	Daily
<b>BODY FLUID CELL COUNT</b>	Cell Count			

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BODY FLUID CRYSTALS	Crystals, Body Fluid			
BODY FLUID CYTOLOGY		Specimen transfer tube with no fixative. 50-100 mL of fluid Refrigerate		
BODY FLUID EXAMINATION	Cell Count			
BONE MARROW		Call 403-1043 to schedule an appointment with pathologist.		Daily
BORDETELLA PERTUSSIS	B. pertussis (pertussis)	Gold 2 mL serum (1.4 mL minimum)		
BORDETELLA PERTUSSIS/ PARAPERTUSSIS ANTIBODIES, Serum		Gold 2 mL serum (1.4 mL minimum) Freeze serum	IGG, IGM and IGA Antibodies	5 days
BOXELDER	Maple IgE	Gold 1 mL serum (0.5 mL minimum)		Daily
BRAZIL NUT IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
BREATH TOLERANCE TEST	Breath Hydrogen Test	Contact LabsNW (253-403-1187) to schedule collection		Daily
BRMA (CA 15-3)	CA 15-3	Gold 1 mL serum (0.5 mL minimum)		Daily
BUN (BLOOD UREA NITROGEN), Serum	Urea Nitrogen, Serum	Gold 1 mL serum (0.5 mL minimum)		Daily
BUN (UREA NITROGEN), Fluid	Urea Nitrogen, Fluid	Fluid 1 mL Note fluid source		Daily
BUN (UREA NITROGEN), Urine 24-hr	Urea Nitrogen, Urine 24-hr	Urine 24 hour 25 mL aliquot (10 mL minimum) Refrigerate during collection Record 24-hr total volume		Daily
BUN (UREA NITROGEN), Urine Random	Urea Nitrogen, Urine Random	Urine random 25 mL (10 mL minimum)		Daily
C PEPTIDE		Gold 2.0 mL serum (0.6 mL minimum) Freeze serum within 3 hours Overnight fasting required		72 hrs
C-ANCA	CANCA, Proteinase 3 Autoantibodies	Gold 1 mL serum (0.6 mL minimum) Freeze serum		5 days
C-REACTIVE PROTEIN	CRP	Gold 1 mL serum (0.3 mL minimum) Avoid hemolysis.		Daily
C-REACTIVE PROTEIN, HIGH SENSITIVITY	CRP, High Sensitivity	Gold 1 mL (0.5 mL minimum)		Daily
C. DIFFICILE TOXIN ASSAY	Clostridium Difficile Toxin	2 g fresh stool in container Refrigerate		Daily
C1 ESTERASE INHIBITOR ACTIVITY		Red 1 mL serum (0.5 mL min.) No gel barrier tubes Fasting best Separate & freeze ASAP		4 days



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<b>C1 ESTERASE, Quantitative</b>		Gold 1 mL serum (0.5 mL min) No hemolysis Fasting best		4 days
<b>C3 COMPLEMENT</b>		Gold 0.5 mL serum OR 0.5 mL CSF Separate, freeze ASAP		Daily
<b>C3 PROACTIVATOR</b>	Properdin Factor B	Gold 1 mL serum (0.5 mL min) No hemolysis Fasting best		4 days
<b>C4 COMPLEMENT</b>		Gold 0.5 mL serum OR 0.3 mL CSF Separate, freeze ASAP		Daily
<b>CA 125</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>CA 15-3</b>	BRMA			
<b>CA 19-9</b>		Gold 1 mL serum (0.6 mL minimum) Refrigerate		Daily
<b>CA 27.29</b>	BMRA			
<b>CADMIUM, Blood</b>		EDTA Royal Blue EDTA Blue 4 mL whole blood, (2 mL min) Refrigerate		72 hrs
<b>CAH 6 (CONGENITAL ADRENAL HYPERPLASIA) PROFILE</b>		Gold 4.0 mL serum (2.8 mL minimum) Freeze serum ASAP Includes Androstenedione, Dehydroepiandrosterone, 17 OH Pregnenolone, Progesterone, 17-A-OH-Testosterone, Desoxycortisol, Cortisol, and Deoxycorticosterone		7 days
<b>CALCITONIN</b>		Gold 1 mL serum (0.3 mL min) Freeze serum Fasting best		72 hrs
<b>CALCIUM, Fluid</b>		Fluid 1 mL Note fluid source		Daily
<b>CALCIUM, IONIZED</b>	Ionized Calcium			Daily
<b>CALCIUM, Serum</b>		Gold 1 mL serum (0.3 mL minimum) No hemolysis		Daily
<b>CALCIUM, Urine</b>		Urine random 1 mL minimum		Daily
<b>CALCIUM, Urine 24-hr</b>		Urine 24 hour 10 mL aliquot (1 mL minimum) Refrigerate during collection Record 24-hr total volume		Daily
<b>CALCIUM/CREAT RATIO</b>		Urine 10 mL random urine OR 24-hr urine collection		Daily
<b>CALCULI (STONE) ANALYSIS</b>		Calculi in clean container Note origin	Includes physical and biochemical exam	5 days

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CANCA	Proteinase 3 Autoantibodies CANCA			
CANNABINOID, URINE	Part of medical tox screen		Not orderable separately	Daily
CANNABINOIDS (THC), Confirmation		Urine 10 mL Specimen from drug screen can be used	Order only if screen positive	48 hrs
CARBAMAZEPINE	Tegretol	Gold 1 mL serum (0.5 mL minimum) Note peak or trough collection	Trough collection just prior to next dose	Daily
CARBON DIOXIDE	CO2	Gold 1 mL serum (0.3 mL minimum)		Daily
CARBON MONOXIDE (CO)	Carboxyhemoglobin	Green 1 mL whole blood Keep on ice Do not centrifuge Deliver to lab ASAP	Do not remove cap	Daily
CARBOXYHEMOGLOBIN	Carbon Monoxide	Green 1 mL whole blood Keep on ice Do not centrifuge Deliver to lab ASAP	Do not remove cap	Daily
CARCINOEMBRYONIC ANTIGEN	CEA			Daily
CARNITINE, Plasma or Serum		Gold 1.5 mL serum (1.0 minimum) Freeze Fasting best	Includes Free Carnitine, Short & Long Chain Acyl, and Acyl/Free Ratio	5 days
CARNITINE, Urine		Urine random 20 mL	Includes Total, Free, Acyl, Acyl/Free Ratio, and Urine Creatinine	5 days
CAROTENE		Gold 1 mL serum (0.5 mL min) Protect from light Fasting best		72 hrs
CARROT IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
CASHEW IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
CAT DANDER IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
CAT SCRATCH ANTIBODIES	Bartonella Ab Panel, IFA	Gold 1 mL serum (0.5 mL minimum)		4 days
CATECHOLAMINES, Plasma Fractionated	Dopamine, Epinephrine, Norepinephrine, Plasma	Green (Na Heparin) 4 mL plasma (2.5 mL min) Freeze ASAP Record patient position (supine or upright)	Call 403-1187 for further instructions	72 hrs
CATECHOLAMINES, Urine 24-hr	Dopamine, Epinephrine, Norepinephrine, Urine 24-hr	Urine 24-Hr 10 mL urine aliquot Record 24-hr total volume Refrigerate during collection	See dietary/drug restrictions in specimen collection section	72 hrs

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<b>CBC (COMPLETE BLOOD COUNT) WITH DIFF</b>	Hemogram with Differential	Lavender 1 mL whole blood minimum No hemolysis	Auto or manual differential done based upon results	Daily
<b>CBC with MANUAL DIFF</b>		Lavender 1 mL whole blood minimum No hemolysis	Manual differential only	Daily
<b>CCP ANTI-CYCLIC CITRULLINATED PEPTIDE</b>	Anti-CCP			
<b>CD34 PERIPHERAL BLOOD</b>		Lavender (2 mL whole blood) Maintain at room temperature		Daily
<b>CD4 PANEL</b>		Lavender (2 mL whole blood) Maintain at room temperature		Daily
<b>CD4/CD8 PANEL</b>	T & B Cell Subsets	Lavender (2 mL whole blood) Maintain at room temperature		Daily
<b>CEA (CARCINOEMBRYONIC ANTIGEN)</b>	Carcinoembryonic Antigen	Gold 1 mL serum (0.5 mL min) No hemolysis Freeze serum ASAP	Do not remove cap	Daily
<b>CELIAC PANEL</b>	Gluten Sensory Enteropathy	Gold 2 mL serum (1.5 mL minimum) Refrigerate serum		96 hrs
<b>CELL COUNT</b>	Body fluid cell count	Lavender 1 mL fluid Indicate fluid source Refrigerate		Daily
<b>CELL COUNT CSF</b>	Spinal fluid cell count	CSF 0.5 mL minimum Refrigerate		Daily
<b>CELL MARKERS (Surface Marker Profile)</b>	Immunophenotype Surface Marker Profile Flow cytometry	Bone marrow in heparinized syringe 2 mL marrow OR Lavender 5 mL whole blood Keep at Room temperature	Monday-Friday only	48 hrs
<b>CELL REVIEW, PATHOLOGIST REVIEW</b>	Cell Study	Lavender 5 mL whole blood (1 mL min) No hemolysis		Daily
<b>CELONTIN</b>	Methsuximide			
<b>CERULOPLASMIN</b>		Gold 1 mL serum (0.3 mL min) Refrigerate Fasting best		Daily
<b>CH50</b>	Complement CH50 Total			
<b>CHEM 7</b>	see Basic Metabolic Panel			
<b>CHERRY IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>CHICKEN IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>CHLAMYDIA BY NUCLEIC ACID AMP. (Urogenital)</b>	ProbeTec, Gen Probe	ProbeTec swab collection kit. Single swab for both Chlamydia and GC. If swab bloody, place in M6 transport medium and order Chlamydia culture. OR Random urine, first void Refrigerate	Preferred method for urogenital Chlamydia detection. All other sources order Chlamydia Culture	48 hrs
<b>CHLAMYDIA GROUP ANTIBODY TITER</b>	Psittacosis Ab	Gold 1 mL serum (0.5 mL min) Separate ASAP Refrigerate		Daily

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CHLAMYDIA/GC PCR ASSAY	ProbeTec, GenProbe	ProbeTec swab collection kit. Single swab for both Chlamydia and GC. If swab bloody, place in M6 transport medium and order Chlamydia culture. OR Random urine, first void Refrigerate	Nucleic Acid Amplification	Daily
CHLORIDE, Fluid		Fluid 1 mL Note fluid source		Daily
CHLORIDE, Serum		Gold 1 mL serum (0.3 mL minimum)		Daily
CHLORIDE, Urine Random		Urine random 10 mL (1 mL minimum)		Daily
CHOCOLATE IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
CHOLECALCIFEROL	Vitamin D 25-Hydroxy			
CHOLESTEROL		Gold 1 mL serum (0.3 mL minimum)		
CHOLESTEROL, Fluid		Fluid 1 mL Note fluid source		Daily
CHOLINESTERASE PANEL		2 Lavender + 1 Gold Separate 3 mL plasma from 1 lavender ASAP. Keep other lavender whole blood tube intact. Separate 2 mL serum from Gold. Refrigerate all specimens		4 days
CHOLINESTERASE, RBC		2 Lavender Separate 3 mL plasma from 1 lavender ASAP. Keep other lavender whole blood tube intact. Refrigerate both plasma and whole blood		4 days
CHOLINESTERASE, Serum	Acetylchol.or Pseudochol.	Gold 2 mL serum (1 mL minimum) Refrigerate		4 days
CHOLYGLYCINE	Bile Acids			
CHRISTMAS FACTOR	See Factor 9			
CHROMAGRANIN A		Red 1 mL serum (0.5 mL minimum) No SST Freeze serum		10 days
CHROMOSOME STUDIES, misc. source	Cytogenetics or Karyotype	Collect specimens, M-F, send to lab immediately Make special arrangement if weekend collection required. Do NOT place in Formalin.	Specify source - Amniotic, Product of Conception, other Tissue (NOT Bone Marrow or Blood)	
CINNAMON IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
CITRATE, Urine 24-hr		Urine 24-hr 10 mL aliquot Refrigerate during collection Record 24-hr total volume	Includes Creatinine	72 hrs
CK (CREATINE PHOSPHOKINASE)		Gold 1 mL serum (0.3 mL minimum)		Daily
CK (CREATINE PHOSPHOKINASE) ISOENZYMES	CKI or CKMB	Gold 2 mL serum minimum No hemolysis	Includes Total CK, CK-MB, and Interpretation	Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
<b>CK (CREATINE PHOSPHOKINASE), Fluid</b>		Fluid 1 mL Note fluid source		Daily
<b>CKMB</b>	CK Isoenzymes		Troponin better test for cardiac	Daily
<b>CL</b>	Chloride			Daily
<b>CLAD. HERBARUM IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>CLAM IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>CLO TEST</b>	H. pylori			
<b>CLONAZEPAM</b>	Clonopin or Rivotril	Red 2.5 mL serum (1.2 mL min) Freeze serum No gel barrier tubes Optimum collection time: 4 hr post dose		4 days
<b>CLONOPIN</b>	Clonazepam			
<b>CLOSTRIDIUM DIFFICILE TOXIN ASSAY</b>	C Difficile Toxin Assay	2 g fresh stool Refrigerate		72 hrs
<b>CMPL</b>	Comprehensive Metabolic Panel	Gold 3 mL serum (1.5 mL minimum)		Daily
<b>CMV (CYTOMEGALOVIRUS) ANTIBODIES</b>	Cytomegalovirus Abs, CMV Antibodies	Gold 1 mL serum (0.2 mL minimum) Refrigerate	Includes IgG and IgM	72 hrs
<b>CO2 (CARBON DIOXIDE)</b>	Carbon Dioxide	Gold 1 mL serum (0.3 mL minimum)		Daily
<b>COAGULATION SCREEN</b>		Call 253-403-1043 (LabsNW) for pathologist consultation prior to collection	Recommend PT, PTT, Plt Count, Fibrinogen, Plt Function Screen	Daily
<b>COCAINE SCREEN, Urine</b>	Part of medical tox screen		Not orderable separately	Daily
<b>COCAINE SCREEN, Urine, Confirmation</b>		Urine 10 mL Specimen from drug screen can be used	For positive drug screen	48 hrs
<b>COCCIDIOIDES ANTIBODY</b>		Gold 2 mL serum (0.5 mL minimum) OR CSF 1 mL CSF (0.5 mL minimum)		4 days
<b>COCKROACH IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>COCONUT IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>CODEINE</b>	Part of medical tox screen		Not orderable separately	
<b>CODFISH IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>COLD AGGLUTININ TITER</b>		Gold 1 mL serum Wait 60 minutes before centrifuging. Do not refrigerate until serum is separated from cells		Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
COMMON ALLERGEN PANEL		2 Gold	see appendix for list	Daily
COMMON PIGWEED IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
COMPLEMENT CH50, Total	CH50	Red 1 mL serum (0.4 mL minimum) Wait 60 minutes before centrifuging. Freeze serum No hemolysis Pericardial, pleural, synovial fluids acceptable but no reference ranges established	Do not thaw and refreeze. With multiple tests, submit a separate tube for each test	4 days
COMPOUND S	11 Deoxycortisol			
COMPREHENSIVE METABOLIC PANEL	CMPL	Gold 3 mL serum (1.5 mL minimum)		Daily
COOMBS, DIRECT	Direct Coombs	Lavender 0.5 mL whole blood minimum		Daily
COOMBS, INDIRECT	Order Antibody Screen			
COPPER, Plasma		Royal Blue EDTA 2 mL whole blood (1 mL min) Refrigerate		72 hrs
COPPER, Urine 24-hr		Urine 24-hour 25 mL aliquot Collect in acid wash container Record 24-hr total volume Refrigerate during collection		72 hrs
CORN IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
CORTISOL 30 MIN POST STIMULATION		Gold 1 mL serum (0.3 mL minimum)	No oral/parenteral corticosteroids before/during test	Daily
CORTISOL 45 MIN POST STIMULATION		Gold 1 mL serum (0.3 mL minimum)	No oral/parenteral corticosteroids before/during test	Daily
CORTISOL 60 MIN POST STIMULATION		Gold 1 mL serum (0.3 mL minimum)	No oral/parenteral corticosteroids before/during test	Daily
CORTISOL DST		Gold 1 mL serum (0.3 mL minimum)	No oral/parenteral corticosteroids before/during test	Daily
CORTISOL STIMULATION TEST		Gold 1 mL serum (0.3 minimum) for each sample. Collect baseline prior to drug, then 30, 45, & 60 minute samples after stimulation Timing is critical	No oral/parenteral corticosteroids before/during test	Daily
CORTISOL, FREE, Urine 24-hr		Urine 24-hour 10 mL aliquot Record 24-hr total volume Refrigerate during collection		72 hrs
CORTISOL, Serum		Gold 1 mL serum (0.3 mL minimum)		Daily
COTTONWOOD IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
COUMADIN	Dicumarol or Warfarin	2 Green 2 mL heparinized plasma (1 mL minimum) Freeze plasma		4 days

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
COXSACKIE B1-B6 ANTIBODIES		Gold 2 mL serum (1 mL min) OR CSF 1 mL (0.5 mL min)		4 days
CRAB IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
CREATININE CLEARANCE, Urine 24-hr		Urine 24-Hr 10 mL aliquot AND 1 Gold 1 mL (0.5 mL minimum) Note 24 -Hr volume Refrigerate during collection Gold: drawn anytime within collection period, or +/- 48 hours	Need patient Ht & Wt	Daily
CREATININE, Fluid		Fluid 1 mL Note fluid source		Daily
CREATININE, Serum		Gold 1 mL serum (0.3 mL minimum)		Daily
CREATININE, Urine 24-hr		Urine 24-hour 10 mL aliquot Refrigerate during collection Record 24-hr total volume		Daily
CREATININE, Urine Random		Urine 1 mL from random collection		Daily
CROSSMATCH		See separate instructions in LabsNW Test Manual		Daily
CRP (C-REACTIVE PROTEIN)	C-Reactive Protein	Gold 1 mL serum (0.3 mL minimum) Avoid hemolysis.	CRP = inflammation, CRP HS = cardiac risk (Separate tests)	Daily
CRP (C-REACTIVE PROTEIN), HIGH SENSITIVITY	CRP-HS	Gold 2 mL serum Fasting preferred		48 hrs
CRYOGLOBULINS		Call LabsNW at 253-403-1187 for special instructions	Monday - Thursday only	Daily
CRYPTOCOCCUS ANTIBODY		Gold 1 mL serum (0.5 mL minimum)		4 days
CRYPTOCOCCUS ANTIGEN SCREEN		CSF (1.0 mL minimum) Call LabsNW prior to collection		7 days
CRYPTOSPORIDIUM EXAM	Cryptosporidium Microsporidium Stain	Stool in leak-proof container	Test is for parasitology	Daily
CRYSTALS, Body Fluid	Body Fluid Crystals	Green Place fluid in tube Include fluid source		Daily
CSF (SPINAL FLUID) ANALYSIS		CSF (1.0 mL minimum) in each of 3 sterile containers	Analysis includes Cell Count, Diff, Volume, Color, Glucose, Protein and Globulin. Order culture separately	Daily
CSF ANTIGEN SCREEN		CSF 1 mL minimum Gram stain best direct test for meningitis since more sensitive and specific than Ag Screen		Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
<b>CULTURE SCREEN AND GRAM STAIN</b>		Double swab in aerobic transport kit. Tissue/fluid specimens in sterile container		Daily
<b>CULTURE, AEROBIC</b>	Culture Screen	Double swab in aerobic transport kit. Tissue/fluid specimens in sterile container	Includes gram stain if appropriate	Daily
<b>CULTURE, AEROBIC &amp; GRAM STAIN</b>				Daily
<b>CULTURE, ANAEROBIC</b>		Double swab in anaerobic transport kit. Tissue/fluid specimens in sterile container Swab specimens poor yield for anaerobes	Neg -Final after 4 days. Positives called to office	Daily
<b>CULTURE, BLOOD</b>	Blood Culture	Blood in Aerobic & Anaerobic BacT/Alert blood culture bottles Pediatrics: submit one Pediatric BacT/Alert blood culture bottle	Neg -Final after 5 days. Positives called to office	Daily
<b>CULTURE, CHLAMYDIA, All sources</b>		Swab in viral culture medium. (Preferred test is Chlamydia PCR test)	Neg -Final after 5 days. Positives called to office	Daily
<b>CULTURE, CMV</b>	Viral Culture Cytomegalovirus	2 Lavender 5 mL whole blood	will also isolate HSV	
<b>CULTURE, CSF</b>		Third tube of CSF Collection series	Includes Gram Stain - more sensitive & specific than CSF Ag Screen	Daily
<b>CULTURE, CYSTIC FIBROSIS</b>		Sputum or deep throat swab.		4 days
<b>CULTURE, FUNGUS</b>		Sputum, wound swabs, tissue, or fluids	Final at 4 weeks	
<b>CULTURE, FUNGUS, Hair, Skin or Nails</b>		Skin, nail scrapings or hair in dry container	Final at 4 weeks	
<b>CULTURE, GC (GONORRHEA)</b>		Swab in transport kit. Preferred test - GC PCR		72 hrs
<b>CULTURE, GROUP B STREP and Probe</b>	Culture, Vaginal	Vaginal and rectal swabs Can be sent together as one test	Probe decreases TAT and increases sensitivity for detection of Group B Strep	72 hrs
<b>CULTURE, HERPES VIRUS</b>	Culture, Vaginal	Swab containing tissue or fluid in M4 transport medium Refrigerate after collection		5 days
<b>CULTURE, HSV/VZV</b>	HSV/VZV Direct FA			
<b>CULTURE, LEGIONELLA</b>		Sputum or other respiratory tract specimen Swab from wounds	Includes L. pneumophila DFA and culture	10 days



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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
<b>CULTURE, MYCOBACTERIA</b>	Mycobacteria Culture	Sputum, lower respiratory tract, or node aspirates: put in sterile container	Include acid-fast stain on most sources	4 week
<b>CULTURE, MYCOPLASMA</b>		ACD blood tube or swab in mycoplasma transport tube	Sources are blood, genital, respiratory	14 days
<b>CULTURE, PERTUSSIS</b>	Pertussis PCR			
<b>CULTURE, RESPIRATORY VIRUS</b>	Culture, RSV	Fluid or swab in M6 transport medium Preferred specimens: nasal aspirates & washes Nasopharyngeal swabs have lower sensitivity	Shell vial tissue culture for RSV, Influenza A & B, Parainflu. & Adenovirus	72 Hours
<b>CULTURE, ROTAVIRUS</b>	Rotavirus Antigen, stool			
<b>CULTURE, RSV</b>	RSV Antibody & Antigen			
<b>CULTURE, STOOL</b>	Stool Culture	Stool in Enteric Transport medium No multiple collections	Includes culture for Salmonella, Shigella, E. coli O157, Shiga-toxin producing E. coli, Yersinia, Campylobacter, Vibrio & Aeromonas	72 hrs
<b>CULTURE, TB (MYCOBACTERIA)</b>	Culture mycobacteria			
<b>CULTURE, THROAT</b>	Throat Culture	Double swab in aerobic transport kit	Detects Gr. A Strep, other potential pathogens	48 hrs
<b>CULTURE, TRICHOMONAS</b>	Trichomonas Culture	Swab of vaginal secretions in INPOUCH TV transport/culture system	Trich. culture: 60% better sensitivity over wet mount. Examined Daily; neg. report after 5 days	5 days
<b>CULTURE, URINE</b>	Urine Culture	Urine random In leak-proof container Refrigerate OR Grey urine transport tube		48 hrs
<b>CULTURE, VAGINAL</b>	Culture Aerobic			
<b>CULTURE, VARICELLA ZOSTER VIRUS</b>		Swab or tissue in M6 transport medium	HSV also isolated	28 days
<b>CULTURE, VIRAL</b>	Viral Culture	Swab or tissue in M6 transport medium Specify source		
<b>CVP (Cardiovascular Evaluation)</b>	Lipid Panel	Gold 1 mL serum (0.6 minimum) Fasting best		Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
CYANIDE		Lavender 4 mL whole blood Room Temp Do not centrifuge		4 days
CYANOCOBALAMIN	Vitamin B12			
CYCLOSPORINE		Lavender 5 mL whole blood (2.5 minimum) Refrigerate Draw trough 30-60 minutes prior to next dose		72 hrs
CYSTIC FIBROSIS, DNA Screen		Lavender 5 mL whole blood (1 mL minimum) Do not centrifuge Refrigerate		72 hrs
CYSTINE, Urine Qualitative		Urine random 5 mL (1 mL minimum) Note if patient receiving penicillamine		4 days
CYSTINE, Urine Quantitative		Urine 24-hr 25 mL aliquot Record 24 hr volume Refrigerate during collection	Refrigerate during collect.	4 days
CYTOGENETICS, Blood	Karyotype, High Resolution Extended Banding Chromosome Study	Green Na Heparin 10 mL (5 mL min) Room temperature Mon-Fri. before noon only Not available weekends or holidays Provide diagnostic history & reason for test	Fragile X also requires Lavender 5mL whole blood	14 days
CYTOLOGY CSF		CSF 1 mL minimum Do not add fixative Refrigerate		Daily
CYTOMEGALOVIRUS ANTIBODIES	CMV	Gold 1 mL serum (0.2 mL minimum) Refrigerate	Includes IgG and IgM	72 Hours
D DIMER TEST		Blue 1 mL aliquot of plasma Tube must have exact volume Centrifuge x2 to make platelet-poor plasma. Freeze plasma ASAP No hemolysis		Daily
D FARINAE IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
D PTERONYSSINUS IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
DEHYDROEPIANDROSTERONE	DHEA blood			
DELTA AMINOLEVULINIC ACID	ALA, Delta ALA			
DEPAKENE	Valproic Acid			
DESIPRAMINE	Imipramine			
DHEA (DEHYDROEPIANDROSTERONE), Blood	Dehydroepiandrosterone	Gold 1.5 mL serum (0.5 mL minimum) Fasting & early morning specimen best.	Specify age and sex	4 days
DHEA SULFATE		Gold 1.0 mL serum (0.3 mL minimum)		48 hrs
DIABETIC SCREEN	UA Diabetic Screen			

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
DIC PANEL		Blue 1 mL aliquot of plasma Tube must have exact volume Centrifuge x2 to make platelet-poor plasma Freeze plasma ASAP No hemolysis or clotted samples		Daily
DICUMAROL	Coumadin			
DIFFERENTIAL, WBC		Lavender 5 mL whole blood (1 mL min) No hemolysis	Automated or Manual Diff based on CBC results	Daily
DIGITALIS	Digitoxin			
DIGITOXIN	Digitalis	Red 1 mL serum (0.5 mL minimum) No gel barrier tubes Refrigerate		72 hrs
DIGOXIN	Lanoxin	Gold 1 mL serum (0.3 mL min) Draw 6-12 hrs post dose If toxicity suspected, draw anytime		Daily
DIHYDROTESTOSTERONE		Red 2 mL serum (1 mL minimum) No SST Specify age and sex		4 days
DILANTIN	Phenytoin	Gold 1 mL serum (0.3 mL min) Draw prior to last dose		Daily
DILUTE VIPER VENOM		Blue 2 mL plasma Tube must have exact volume Centrifuge x2 to make platelet-poor plasma Freeze plasma ASAP No hemolysis	Included in lupus inhibitor screen	
DIPROPYLACETIC ACID	Valproic Acid			
DIPHTHERIA & TETANUS ABS		Gold 1.5 mL serum (0.8 mL minimum)		
DIPHTHERIA ANTIBODY	Diphtheria Antibody IgG	Gold 1.0 mL serum (0.5 mL minimum)		5 days
DIRECT COOMBS	Coombs Direct	Lavender 0.5 mL whole blood minimum		
DIRECT LDL CHOLESTEROL	LDL Cholesterol			
DISOPYRAMIDE	Norpace	Red 1 mL serum (0.5 mL minimum) No gel barrier tubes		48 hrs
DNA ANTIBODY (ELISA)	order only if EIA requested	Gold 1 mL serum		
DNA, DOUBLE STRAND ANTIBODY (IFA)	DNA Antibody	Gold 1 mL serum (0.2 mL minimum)		48 hrs
DOG DANDER IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
DOG EPITHELIUM IGE		Gold 1 mL serum (0.5 mL minimum)		Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
<b>DONATH-LANDSTEINER SCREEN</b>		Red 5 mL serum minimum No gel barrier tubes Call LabsNW at 253-403-1187 for special collection instructions		48 hrs
<b>DOPAMINE, Plasma</b>	Catecholamines			
<b>DOPAMINE, Urine 24-hr</b>	Catecholamines			
<b>DOXEPIN</b>	Adapin or Sinequan	Red 4 mL serum (1.5 mL min) Collect 10-14hr post oral dose Separate serum ASAP Freeze No gel barrier tubes		72 hrs
<b>DRUG SCREEN, MEDICAL</b>	Medical Tox Screen	Urine 25 mL (10 mL minimum) Qualitative results (+/-) Confirmations of positive drug must be ordered separately	Basic Drugs of Abuse Screen	Daily
<b>DURAGESIC</b>	Fentanyl, Meperidine			
<b>E.PURPURASCENS IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>EBV (EPSTEIN BARR VIRUS) ANTIBODIES</b>	Epstein Barr Virus	Gold 1 mL serum (0.3 mL minimum)	Includes IgG and IgM	72 hrs
<b>ECHOVIRUS (4 9 11 16) ANTIBODIES</b>		Gold 2 mL serum (0.5 mL minimum) or 1 mL CSF		6 days
<b>EGG WHITE IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>EGG YOLK IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>ELAVIL</b>	Amitriptyline			
<b>ELECTROLYTES</b>	Lytes	Gold 1 mL serum (0.3 mL minimum) Avoid hemolysis		Daily
<b>ELECTROLYTES, Misc. Fluid</b>		1 mL fluid Note fluid source.		Daily
<b>ELECTROLYTES, Urine 24-hr</b>		Urine 24-hr Record total volume Refrigerate during collection		Daily
<b>ELECTROLYTES, Urine Random</b>		Urine random 10 mL	Includes NA, K	Daily
<b>ENA (EXTRACTABLE NUCLEAR ANTIBODY)</b>	ENA Ab (Smith, Smith/RNP)	Gold 1 mL serum (0.5 mL minimum)	Includes Sm/RNP and Sm	48 hrs
<b>ENDOMYSIAL ANTIBODY</b>	EMA	Gold 1 mL serum (0.5 mL minimum) Freeze serum		5 days
<b>ENGLISH PLANTAIN IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>ENVIRONMENTAL IgE</b>		2 Gold 4 mL serum minimum	See appendix for list	Daily
<b>EOSINOPHIL COUNT, Total</b>		Lavender 1 mL whole blood minimum Refrigerate		Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
<b>EOSINOPHILS SMEAR, Nasal, Sputum, Urine</b>	Nasal Smear Eosinophils	2 Smears, specify source sputum or nasopharyngeal collected through nasal passage. OR random urine 10 mL, 1 mL minimum, refrigerate, must arrive in lab within 2 hours of collection.		Daily
<b>EPINEPHRINE, Plasma</b>	Catechol. Plasma Fraction.			
<b>EPINEPHRINE, Urine 24-hr</b>	Catecholamine, Urine 24			
<b>EPSTEIN BARR VIRUS</b>	EBV	Gold 1 mL serum (0.3 mL minimum)	Includes IgG and IgM	
<b>ERYTHROPOIETIN (EPO)</b>		Gold 2 mL serum (0.5 mL minimum) Refrigerate		Daily
<b>ESR (SED RATE)</b>	Sedimentation Rate	Lavender 1 mL whole blood min. Stable 12 hrs refrigerated	Westergren method	Daily
<b>ESTRADIOL</b>		Gold 1 mL serum (0.4 mL minimum)		Daily
<b>ESTRIOL</b>		Gold 1 mL serum (0.4 mL minimum)		Daily
<b>ESTROGEN, Total</b>		Gold 1 mL serum (0.5 mL minimum) Refrigerate serum		4 days
<b>ESTRONE, Serum</b>		Gold 4 mL serum (1.2 mL minimum) Refrigerate serum		4 days
<b>ESTRONE, Urine 24-hr</b>		Urine 24-hr 10 mL urine aliquot Freeze Record 24-hr total volume		5 days
<b>ETHANOL (Alcohol) - Medical</b>	Alcohol, Ethanol			
<b>ETHOSUXIMIDE</b>	Zarontin	Red 1 mL (0.5 mL minimum) No gel barrier tubes Refrigerate		48 hrs
<b>ETHYL ALCOHOL</b>	Alcohol, Ethanol			
<b>EXTRACTABLE NUCLEAR ANTIBODY</b>	ENA			
<b>FACTOR 5 ACTIVITY</b>	Labile Factor Proaccelerin	Blue 1 mL aliquot of plasma Tube must have exact volume Centrifuge x2 to make platelet-poor plasma Freeze plasma ASAP No hemolysis or clotted specimens		Daily
<b>FACTOR 5 DNA</b>	Factor V Leiden DNA	Lavender 4 mL whole blood (1 mL minimum) Do not centrifuge Refrigerate		4 days
<b>FACTOR 7 ACTIVITY</b>	Proconvertin Stable Factor	Blue 1 mL aliquot of plasma Tube must have exact volume Centrifuge x2 to make platelet-poor plasma Freeze plasma ASAP No hemolysis		Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
<b>FACTOR 8 ACTIVITY</b>		Blue 1 mL aliquot of plasma Tube must have exact volume Centrifuge x2 to make platelet-poor plasma Freeze plasma ASAP No hemolysis		Daily
<b>FACTOR 8 ANTIGEN (Von Willebrand Antigen)</b>	Von Willebrand Antigen	Blue 2 mL citrated plasma (0.5 mL minimum) Freeze		10 days
<b>FACTOR 8 INHIBITOR</b>		Blue 1 mL aliquot of plasma Tube must have exact volume Centrifuge x2 to make platelet-poor plasma Freeze plasma ASAP No hemolysis or clotted specimens		48 hrs
<b>FACTOR 9 ACTIVITY</b>	PTC or Plasma Thromboplastin Component or Christmas Factor	Blue 1 mL aliquot of plasma Tube must have exact volume Centrifuge x2 to make platelet-poor plasma Freeze plasma ASAP No hemolysis or clotted specimens		Daily
<b>FACTOR 10 ACTIVITY</b>	Stuart-Prower Factor	Blue 1 mL aliquot of plasma Tube must have exact volume Centrifuge x2 to make platelet-poor plasma Freeze plasma ASAP No hemolysis or clotted specimens		Daily
<b>FACTOR 11 ACTIVITY</b>		Blue 1 mL aliquot of plasma Tube must have exact volume Centrifuge x2 to make platelet-poor plasma Freeze plasma ASAP No hemolysis or clotted specimens	Plasma Thromboplastin Antecedent (PTA)	Daily
<b>FACTOR 12 ACTIVITY</b>	Hageman Factor	Blue 1 mL aliquot of plasma Tube must have exact volume Centrifuge x2 to make platelet-poor plasma Freeze plasma ASAP No hemolysis or clotted specimens		Daily
<b>FACTOR 13 SCREEN</b>	Fibrin Stabilizing Factor	Blue 1 mL aliquot of plasma Tube must have exact volume Centrifuge x2 to make platelet-poor plasma Freeze plasma ASAP No hemolysis or clotted specimens		48 hrs
<b>FACTOR II DNA</b>	Prothrombin II DNA			
<b>FACTOR V LEIDEN DNA</b>	Factor V DNA			
<b>FACTOR V LEIDEN SCREEN</b>	Activated Protein C Resistance	Blue 2 mL whole blood Freeze plasma ASAP		
<b>FATS/LIPIDS, FECES, Quantitative</b>	Fecal Fat quantitative	Stool collected in pre-weighed container Refrigerate during collection and freeze for transport Diet: include 100g fat/day for 3 days prior to & during collection		7 days
<b>FDP (FIBRIN SPLIT PRODUCTS)</b>		Replaced by d-dimer test		

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
Fe	Iron			Daily
FECAL FAT, Qualitative		24-hr or 72-hr stool collected in pre-weighed plastic container Specify collection time		Daily
FECAL LEUKOCYTES	Leukocytes fecal			Daily
FENTANYL / MEPERIDINE	Fentanyl, Meperidine	Urine 10 mL (5 mL min) Order confirmation separately		48 hrs
FERRITIN		Gold 1 mL serum (0.5 mL minimum)		Daily
FETAL FIBRONECTIN		ADEZA FFN Collection Kit required Call LabsNW at 253-403-1187		Daily
FETAL HEMOGLOBIN	Hgb electrophoresis			
FETAL HgB SCREEN	Kleihauer Bettke, APT			Daily
FETAL LUNG MATURITY		1 mL amniotic fluid		Daily
FIBRIN STABILIZING FACTOR	Factor 13 screen			
FIBRINOGEN		Blue 1 mL aliquot of plasma Tube must have exact volume Centrifuge x2 to make platelet-poor plasma Freeze plasma ASAP No hemolysis		Daily
FK506	Tacrolimus	Lavender 5 mL whole blood (0.5 mL minimum) Refrigerate		72 hrs
FLECAINIDE	Tambacor	Red 3 mL serum (1.5 mL minimum) No gel barrier tubes Room Temp.		Daily
FLU	Influenza Antigens A,B			Daily
FNA (Fine Needle Aspirate)	FNA	Contact cytology 403-1043 for collection instructions		Daily
FOLATE	Folic Acid, serum	Gold 1 mL serum (0.5 mL minimum) Protect from light		Daily
FOLATE, RBC	Folic Acid, RBC			
FOLIC ACID, RBC	Folate, RBC	Lavender 1 mL whole blood (0.5 mL minimum) Protect from light.		48 hrs
FOLIC ACID, Serum	Folate	Gold 1 mL serum (0.5 mL minimum) Protect from light		Daily
FOLLICLE STIMULATING HORMONE	FSH			Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
FOOD ALLERGY		2 Gold 3 mL serum (1.3 mL min) See appendix for list		Daily
FOOD ALLERGY 2		2 Gold 4.5 mL serum (2.5 mL min) See appendix for list		Daily
FREE FATTY ACIDS, Nonesterified		Red 2 mL serum (1 mL minimum) No gel barrier tubes Fasting best Separate serum ASAP Freeze		4 days
FREE KAPPA/LAMBDA RATIO		Gold 1 mL serum (0.5 mL minimum)		72 hrs
FREE TESTOSTERONE	Testosterone Free			
FREE THYROXINE	Thyroxine Free			
FREE TRIIODOTHYRONINE	T3 Free			
FRUCTOSAMINE		Gold 2 mL serum (0.5 mL minimum) Refrigerate serum		72 hrs
FSH (FOLLICLE STIMULATING HORMONE)	Follicle Stimulating Hormone	Gold 1 mL serum (0.5 mL minimum)		Daily
FSH, LH and PROLACTIN PROFILE		Gold 2.5 mL serum (1.5 mL minimum)		Daily
FTA (FLUORESCENT TREPONEMA AB)		Gold 1 mL serum (0.5 mL minimum) Refrigerate serum		72 hrs
G-1-PUT (Galactose-1-Phosphate Uridyl Transferase)		Green 1 mL heparinized plasma minimum Refrigerate		7 days
G-6-PD (Glucose-6-Phosphate Dehydrogenase)		Yellow 4 mL whole blood Refrigerate, do not freeze		72 hrs
GABAPENTIN	Neurontin	Red 2 mL serum (0.5 mL minimum) No gel barrier tubes		5 days
GAD AUTOANTIBODIES		Gold 1 mL serum (0.5 mL minimum) Freeze serum		7 days
GAMMA GLUTAMYL TRANSFERASE	GGT	Gold 1 mL serum (0.5 mL minimum)		Daily
GARLIC IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
GASTRIN		Gold 2 mL serum (0.5 mL min) Freeze Fasting required		72 hrs
GC (GONORRHEA) PCR	GC Nucleic Acid Amplification	Swab collection kit, single swab tests for both Chlamydia & GC OR random urine, must be first void, refrigerate urine	Preferred method for detection of urogenital GC	48 hrs
GEN PROBE	GC PCR			



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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
<b>GENTAMICIN, PEAK, TROUGH or RANDOM</b>		Gold 1 mL serum (0.5 mL minimum) Peak: 30 minutes after dose. Trough: 30 min. before next dose Once-Daily Dosing: 12 hours after start of first dose infusion	Indicate time of draw, peak, trough or random	Daily
<b>GFR ESTIMATE</b>	Glomerular Filtration Rate	GFR reported with all orders containing serum creatinine, and it is not orderable. Calculation based on creatinine value, age, sex		Daily
<b>GGT (GAMMA GLUTAMYL TRANSFERASE)</b>	Gamma Glutamyl Trans.	Gold 1 mL serum (0.3 mL minimum)		Daily
<b>GIARDIA &amp; CRYPTOSPORIDIUM ANTIGENS, Stool</b>		Fresh, liquid stool specimen Refrigerate Qualitative EIA test for both Giardia & Crypto. Antigens. Giardia also detected by O&P exam.		Daily
<b>GIARDIA ANTIBODY, Serum</b>	Giardia Lamblia Antibody	Gold 1 mL serum (0.5 mL minimum) Refrigerate.		4 days
<b>GIARDIA LAMBLIA ANTIBODY</b>	Giardia Antibody			
<b>GIEMSA STAIN for VIRAL INCLUSIONS</b>	Tzank Test			
<b>GLOBULIN</b>			Included in Chem panels	
<b>GLOMERULAR FILTRATION RATE</b>	GFR estimate			
<b>GLUCOLA TEST - OB</b>		Gold 1 mL serum (0.5 mL min) Patient need not be fasting. Draw 1 hr after 50g oral glucose	Pt need not be fasting	Daily
<b>GLUCOSE</b>	Blood Sugar	Gold 1 mL serum (0.3 mL minimum) Note fasting status		Daily
<b>GLUCOSE 2 HR PP</b>	2 Hr PP	Gold 1 mL serum (0.3 mL min) Draw 2 hours after eating or after oral glucose dose		Daily
<b>GLUCOSE CSF</b>		CSF 0.3 mL minimum		Daily
<b>GLUCOSE TOLERANCE FASTING, 1-hr &amp; 2-hr</b>		Fasting, 1 & 2 hour blood & urine (timed from glucola dose) Gold 1 mL serum (0.3 mL minimum) If urine tested wanted, call 403-1187 for instructions Patient must fast 12 hours prior to test		Daily
<b>GLUCOSE TOLERANCE FASTING, 1-hr, 2-hr &amp; 3-hr</b>		Fasting, 1/2, 1,2,& 3 hour blood & urine (timed from glucola dose) Gold 1 mL serum (0.3 mL minimum) + Urine 1 mL minimum Patient must fast 12 hours prior to test	Adult: 100 gm glucola dose if fasting glucose <140	Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
<b>GLUCOSE TOLERANCE OB</b>		Fasting, 1, 2, & 3 hour blood (timed from glucola dose) Gold 1 mL serum (0.3 mL minimum) If urine testing desired, call 403-1187 for instructions Patient must fast 12 hours prior to test	Adult: 100 gm glucola dose if fasting glucose <140	Daily
<b>GLUCOSE, Fasting</b>		Gold 1 mL serum (0.3 mL minimum) Pt must fast 12 hours prior to test		Daily
<b>GLUCOSE, Fluid</b>		Fluid 0.3 mL minimum Note fluid source		Daily
<b>GLUTEN IGE</b>	Gluten Rast Testing	Gold 1 mL serum (0.5 mL minimum)		Daily
<b>GLUTEN PANEL</b>	Celiac Panel	Gold 2 mL serum (0.7 mL minimum)		5 days
<b>GLUTEN SENSORY ENTEROPATHY</b>	Celiac Disease Evaluation	Gold 3 mL serum (1.5 mL minimum) Refrigerate Includes Reticulin IgA Ab, Endomysial IgA Ab, Gliadin IgG & IgA Ab		5 days
<b>GLYCOHEMOGLOBIN</b>	Hemoglobin A1C	Lavender 1ml whole blood		Daily
<b>GLYCOSYLATED HEMOGLOBIN</b>	Hemoglobin A1C			Daily
<b>GONORRHEA PCR</b>	GC Nucleic Acid Amplification			
<b>GRAM STAIN</b>		Swab, tissue or fluid. Note source		Daily
<b>GRAPE IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>GRASS PANEL 1</b>		Gold 3 mL serum minimum.	See appendix for list	Daily
<b>GREEN BEAN IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>GREEN PEA IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>GROUP A STREP ANTIGEN SCREEN</b>	Throat Culture	Collect tonsular exudate on double swabs Throat culture will be ordered if screen is negative	Culture should also be ordered	Daily
<b>GROUP A STREP NO CULTURE</b>		Collect tonsular exudate on double swabs		Daily
<b>GROUP B STREP, CSF or Serum</b>		Gold 1 mL serum minimum or 1 mL CSF		Daily
<b>GROWTH HORMONE</b>	Human GH, Somatotropin	Gold 1 mL serum (0.5 mL minimum)		Daily
<b>H &amp; H</b>	Hemoglobin, Hematocrit			Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
H. INFLUENZA TYPE B AB	Haemophilus Influenza B	Gold 1 mL serum (0.5 mL minimum)		7 days
H. PYLORI ANTIBODY PANEL		Gold 2 mL serum (0.6 mL minimum)	Includes IgG, IgA, IgM	5 days
H. PYLORI BREATH TEST	UBT or Urea Breath Test	Call LabsNW at 253-403-1187 to schedule.		Daily
H. PYLORI FECAL ANTIGEN		Fresh stool 10 gram (1 g minimum) Refrigerate No preservatives		Daily
H. PYLORI IgG ANTIBODY	Helicobacter Pylori IgG	Gold 1 mL serum (0.5 mL minimum)		Daily
H. PYLORI, UREA AND GRAM STAIN	CLO Test	Gastric biopsy tissue		Daily
H. SIMPLEX IgG IgM	HSV Ab IgG,IgM			
HAEMOPHILUS INFLUENZA B	H. Influenza type A Ab			
HAGEMAN FACTOR	Factor 12 activity			
HALDOL	Haloperidol			
HALIBUT IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
HALOPERIDOL	Haldol or Heroin Screen	Red 4 mL serum (2 mL min) Draw 11-17 hr after last dose Protect from light Refrigerate serum No gel barrier tubes		5 days
HAPTOGLOBIN		Gold 1 mL serum (0.5 mL minimum)		Daily
HAZELNUT IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
HCG (Human Chorionic Gonadotropin) QUAL.	Pregnancy Test, Serum	Gold 1 mL serum (0.5 mL minimum) No plasma		Daily
HCG (Human Chorionic Gonadotropin) QUANT.	B-HCG, Quantitative	Gold 1 mL serum (0.5 mL minimum)		Daily
HCG, REFLEX TO QUANT		Gold 1.5 mL serum (1 mL minimum)		Daily
HCG, Urine	Pregnancy Test Urine			
HCT (HEMATOCRIT)		Lavender 1 mL whole blood minimum Avoid hemolysis		Daily
HCT (HEMATOCRIT), Spun		3 microhematocrit tubes filled 2/3-3/4 full.		Daily
HDL CHOLESTEROL		Gold 1 mL serum (0.6 mL minimum) Overnight fasting best		Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
HEAVY METALS PANEL, Blood		Royal Blue EDTA 10 mL whole blood (6 mL min), refrigerate. Patient should not eat seafood 3 days prior to collection		4 days
HEAVY METALS PANEL, Urine 24-hr		Urine 24-hr in acid washed container 10 mL urine aliquot Record 24-hr total volume. Refrigerate during collection.	Patient: no seafood 3 days prior to collection	4 days
HELICOBACTER PYLORI	H pylori IgG			
HEMATOCRIT FLUID		Lavender or Green 1 mL fluid Note fluid source		Daily
HEMOCCULT	Occult Blood			
HEMOGLOBIN A1C	A1C, Glycohemoglobin	Lavender 1 mL whole blood minimum		Daily
HEMOGLOBIN A2		Lavender 2 mL whole blood (1 mL minimum) Refrigerate		5 days
HEMOGLOBIN and HEMATOCRIT	H & H	Lavender 1 mL whole blood minimum Avoid hemolysis		Daily
HEMOGLOBIN ELECTROPHORESIS	HGB Hemoglobin Electro.	Lavender 1mL whole blood (0.2 mL min if pt<2 years, 0.5 mL if pt >2 years)		48 hrs
HEMOGLOBIN S SCREEN	Sickle cell test	Lavender 1mL whole blood Recommend confirm positives by Hgb Electrophoresis		Daily
HEMOGRAM	Blood count & platelet			Daily
HEMOGRAM with DIFFERENTIAL	CBC with differential			Daily
HEMOSIDERIN, Urine		Urine 12 mL midstream urine First morning urine preferred Transport to lab within 1 hour		Daily
HEPARIN INDUCED PLATELET ANTIBODY		Contact Client Services 403-1187 for instructions.		5 days
HEPARIN LMW	Heparin Low Molecule Wt.	Blue 1 mL aliquot of plasma Tube must have exact volume Centrifuge x2 to make platelet-poor plasma Freeze plasma ASAP No hemolysis	Collect 3-4 hrs after dose	Daily
HEPARIN LOW MOLECULE WEIGHT	Heparin LMW			
HEPARIN STANDARD	Heparin Unfractionated	Blue 1 mL aliquot of plasma Tube must have exact volume Centrifuge x2 to make platelet-poor plasma Freeze plasma ASAP No hemolysis		Daily
HEPARIN UNFRACTIONATED	Heparin Standard			

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
HEPATIC FUNCTION PANEL	Liver Panel	Gold 1 mL serum (0.5 mL minimum)		Daily
HEPATITIS A IgM ANTIBODY		Gold 1 mL serum (0.3 mL minimum)		48 hrs
HEPATITIS A TOTAL ANTIBODY		Gold 2 mL serum (0.8 mL minimum)		5 days
HEPATITIS PANEL ACUTE		Gold 4 mL serum (3.0 mL minimum) Refrigerate		48 hrs
HEPATITIS PANEL CHRONIC		Gold 4 mL serum (3.0 mL minimum) Refrigerate	Hep B Surf Ag, Hep B core IgM, Hep B surf Ab total, Hep C Ab	72 hrs
HEPATITIS B CORE IgM ANTIBODY		Gold 1 mL serum (0.5 mL minimum) Refrigerate		48 hrs
HEPATITIS B CORE TOTAL ANTIBODY		Gold 1 mL serum (0.5 mL minimum) Refrigerate		48 hrs
HEPATITIS B DNA, Quantitative		Gold 2 mL serum (1.0 mL minimum)		5 days
HEPATITIS B SURFACE ANTIBODY		Gold 1.5 mL serum (1 mL minimum) Refrigerate		48 hrs
HEPATITIS B SURFACE ANTIGEN		Gold 1.5 mL serum (1 mL minimum) Refrigerate	Confirmation test if positive	Daily
HEPATITIS Be ANTIBODY	Hepatitis E Antibody	Gold 1 mL serum (0.5 mL minimum)		4 days
HEPATITIS Be ANTIGEN	Hepatitis E Antigen	Gold 1 mL serum (0.6 mL minimum)		4 days
HEPATITIS C ANTIBODY		Gold 1 mL serum (0.5 mL minimum) Refrigerate		Daily
HEPATITIS C ANTIBODY RIBA		Gold 1 mL serum (0.5 mL minimum)		5 days
HEPATITIS C GENOTYPE		Lavender 5 mL EDTA blood (2 mL minimum) Freeze plasma within 2 hours		4 days
HEPATITIS C RNA by PCR		Lavender 5 mL EDTA blood (2 mL minimum) Freeze plasma within 2 hours		4 days
HEPATITIS C RNA, Quantitative	Hepatitis C Viral Load	2 Lavender 3 mL EDTA plasma (1.5 mL minimum) Separate plasma into 2 vials, freeze ASAP	If <43 IU/mL reflexes to Hep C PCR qualitative to ensure greater sensitivity for drug therapy monitoring	4 days
HEPATITIS C VIRAL LOAD	Hepatitis C RNA Quant			
HEPATITIS CHRONIC PANEL		2 Gold 4 mL serum (3 mL minimum) Refrigerate		72 hrs
HEPATITIS DELTA ANTIBODY		Gold 1 mL serum (0.5 mL minimum)		5 days
HEPATITIS E ANTIBODY	Hepatitis Be Antibody			

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
HEPATITIS E ANTIGEN	Hepatitis Be Antigen			
HEROIN SCREEN	Opiate, urine or HALOPERIDOL			
HERPES (HSV) PCR	HSV (Herpes Simplex Virus) Detector 1,2 DNA CSF	Swab in M4 viral transport medium Fluid/tissue in sterile container Whole blood in lavender (EDTA) tube.	PCR assay faster than culture & 20-30% more sensitive	48 hrs
HERPES SIMPLEX Ab IgG / IgM	HSV I,II IgG & IgM			
HERPES SIMPLEX I AND II ANTIBODIES	HSV I,II IgG & IgM			
HERPES SIMPLEX I AND II WESTERN BLOT	HSV I,II Western Blot			
HERPES VIRUS 6	HHV6	Gold 1 mL serum (0.5 mL minimum) Refrigerate		8 days
HERPES ZOSTER	Varicella Zoster Antibody			
HGB (HEMOGLOBIN)		Lavender 1 mL whole blood minimum Avoid hemolysis		Daily
HGB (HEMOGLOBIN) ELECTROPHORESIS	Hemoglobin Electrophoresis	Lavender 1 mL whole blood (0.2 mL min. if patient < 2 years), (0.5 mL if patient over 2)	Includes Fetal Hgb quant. on patients > 2 years. Abnormals include hgb agar confirmation	48 hrs
HHV6	Herpes virus 6			
HISTAMINE		Lavender 1 mL plasma (0.2 mL min) Centrifuge and freeze plasma ASAP		72 hrs
HISTOPLASMA ANTIBODIES		Gold 1 mL serum (0.5 mL minimum) or CSF 1 mL		4 days
HIT AB	Heparin Induced Platelet Antibody			
HIV 1 GENOTYPE		2 Lavender or 2 Pearl 4 mL plasma (2 mL minimum)		9 days
HIV 1 RNA, Quantitative	HIV Viral Load	2 lavender two 2.0 mL plasma aliquots (2 vials of 2 mL) Centrifuge and freeze plasma ASAP.	Must be received in lab within 3 hours of collection	4 days
HIV 1/2 RAPID ANTIBODIES		Gold 1 mL serum (0.5 mL minimum), plus Lavendar 2ml whole blood for possible confirmation	Contact LabsNW for test details	Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
HIV VIRAL LOAD	HIV 1 RNA Quant			
HLA B27 ANTIGEN		Lavender 5mL whole blood (1 mL min) Room Temperature		72 hrs
HOMOCYSTEINE		Gold 1 mL serum, (0.6 mL minimum) Keep on ice until centrifuged Separate ASAP Refrigerate		4 days
HONEYBEE IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
HOUSE DUST IGE MIX		Gold 2 mL serum (1 mL minimum)	see appendix for list	Daily
HOUSE DUST, GREER IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
HPV DNA		Thin Prep solution (4.1 mL minimum) or HPV medium		48 hrs
HSV (HERPES SIMPLEX) I G/M AND II G/M	Herpes Simplex I&II Ab	Gold 2. mL serum (1 mL minimum) Refrigerate	HSV I IgG, HSV II IgG, combined I,II IgM	48 frs
HSV (HERPES SIMPLEX) I II WESTERN BLOT	Herpes Simplex I,II Western Blot	Gold 1 mL serum minimum Freeze serum		7 days
HSV/VZV DIRECT FA	Culture, HSV/VZV	Swab or aspirate from fresh vesicular lesion, cutaneous sources only	Detects both HSV and chicken pox/shingles (VZV) viruses	48 hrs
HUMAN GROWTH HORMONE	Growth hormone	Gold 1 mL serum (0.5 mL minimum)		Daily
HUMAN IMMUNODEFICIENCY VIRUS	HIV-1&2 Antibodies			
HVA (HOMOVANILLIC ACID), Urine 24-hr		Urine 24-hr 10 mL urine aliquot Record 24 hour volume Dietary requirements for this test, see appendix Refrigerate		4 days
HYDROCOCODONE	Morphine, Hydromorphone			
HYDROMORPHONE	Morphine			
HYDROXYPROLINE FREE and TOTAL, Urine 24-hr		Urine 24-hr 25 mL urine aliquot Record 24-hr volume Refrigerate during collection Patient: low-collagen diet 24-hr prior to collection		4 days
ICA	Ionized Calcium			
IEPS	Immuno-electrophoresis			
IgA IMMUNOGLOBULIN		Gold 1.0 mL serum (0.5 mL minimum) Refrigerate		Daily
IgD IMMUNOGLOBULIN		Gold 1.0 mL serum (0.5 mL minimum) Refrigerate		4 days

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
IgE IMMUNOGLOBULIN		Gold 1.0 mL serum (0.5 mL minimum) Refrigerate		Daily
IGF BINDING PROTEIN 3		Gold 1.0 mL serum (0.5 mL minimum) Centrifuge and freeze serum within 1 hour		7 days
IGF-1	Somatomedin C IgF-1, Intrinsic Growth Factor	Gold 1.0 mL serum (0.5 mL minimum) Refrigerate		Daily
IgG IMMUNOGLOBULIN		Gold 1.0 mL serum (0.5 mL minimum) Refrigerate		Daily
IgG SUBCLASSES		Gold 2 mL serum (1 mL minimum) Refrigerate Fasting best	Includes: Total IgG, IgG1, IgG2, IgG3, IgG4	4 days
IgG SYNTHESIS and INDEX		Gold 2 mL serum + 1 mL CSF	Includes Albumin and IgG on CSF and Serum	4 days
IgM IMMUNOGLOBULIN		Gold 1.0 mL serum (0.5 mL minimum) Refrigerate		Daily
IMIPRAMINE	Desipramine or Pertoframe or Trofranil	Red 4 mL serum (1.5 mL min) Centrifuge ASAP. Freeze No gel barrier tubes		4 days
IMMUNE COMPLEX C1Q		Red 1 mL serum, (0.3 mL min) Centrifuge ASAP Freeze No gel barrier tubes.		4 days
IMMUNOELECTROPHORESIS, Serum	IEP	Gold 2 mL serum (1 mL min) Refrigerate Fasting best		4 days
IMMUNOELECTROPHORESIS, Urine 24-hr		Urine 24-hr 15 mL urine aliquot Record 24-hr total Refrigerate during collection		4 days
IMMUNOFIXATION, SERUM		Gold 1 mL (0.5 mL minimum)		4 days
IMMUNOGLOBULINS IgG, IgA, IgM		Gold 1 mL serum (0.6 mL minimum) Refrigerate		48 hrs
IMMUNOPHENOTYPE	Cell markers			
INDIRECT COOMBS	Order Antibody Screen			
INFLUENZA A and B ANTIBODIES		Gold 2 mL serum (1 mL minimum) or 1 mL CSF		4 days
INFLUENZA ANTIGENS, A and B	Flu	NP swab smeared on 2-well slide	DFA for Flu A & B viruses	24 hrs
INFLUENZA TYPE A ANTIBODY		Gold 1 mL serum (0.5 mL minimum) Refrigerate		4 days
INFLUENZA TYPE B ANTIBODY		Gold 1 mL serum (0.5 mL minimum) or 1 mL CSF		4 days



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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
<b>INHIBITOR IDENTIFICATION WORKUP</b>	Inhibitor Screen for Circulating Anticoagulants	2 Blue 3 mL aliquot of plasma. Tubes must have exact volume Centrifuge x2 to make platelet-poor plasma Freeze plasma ASAP No hemolysis	Confirmatory testing for positive LINH. Screening: use Lupus anticoagulant or factor inhibitor	72 hrs
<b>INSULIN</b>		Gold 1 mL serum (0.5 mL minimum) Fasting best.		Daily
<b>INSULIN 2 HR PP</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>INSULIN ANTIBODIES</b>		Gold 1 mL serum (0.5 mL minimum)		5 days
<b>INTERLEUKIN 6</b>		Red 1 mL serum (0.5 mL minimum) Freeze serum		10 days
<b>IONIZED CALCIUM</b>	ICA or Calcium, Ionized	Gold 1 mL blood Do not remove tube stopper. Refrigerate immediately	Do not open tube	Daily
<b>IONIZED MAGNESIUM</b>	Magnesium, Ionized	Green 2 mL heparinized blood (0.5 mL minimum)		Daily
<b>IRON (Fe)</b>	Fe	Gold 2 mL serum (1 mL minimum) Avoid hemolysis		Daily
<b>IRON and TIBC</b>	Fe, Total Iron Binding Capacity	Gold 1 mL serum (0.5 mL minimum) Avoid hemolysis		Daily
<b>ISLET CELL IgG ANTIBODIES</b>		Gold 1.5 mL serum (1 mL minimum)		7 days
<b>K (POTASSIUM), Fluid</b>	Potassium, Fluid	Fluid 1 mL Note fluid source		Daily
<b>K (POTASSIUM), Serum</b>	Potassium, Serum	Gold 1 mL serum (0.5 mL minimum) Avoid hemolysis		Daily
<b>K (POTASSIUM) Urine, random</b>	Potassium, Urine random	Urine 1 mL random		
<b>K (POTASSIUM), Urine 24-hr</b>	Electrolytes Urine 24 hr			
<b>KARYOTYPE, Blood</b>	Cytogenetics blood			
<b>KARYOTYPE, Bone Marrow</b>	Cytogenetics bone marrow			
<b>KENT BLUE GRASS IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>KEPPRA</b>	Levetiracetam			
<b>KETONES, Serum</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>KIDNEY STONE</b>	Calculi			
<b>KIWI IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
KLEIHAUER BETTKE TEST		Lavender 1 mL whole blood or Amniotic fluid 1 mL	No cord blood	Daily
L/S RATIO (LECITHIN SPHINGOMYELIN)		Amniotic fluid 2 mL minimum Protect from light	Call LabsNW for details	Daily
LABILE FACTOR PROACCELERIN	Factor 5 Activity			
LACTATE (LACTIC ACID)	Lactic Acid	Green 1 mL plasma Place on ice, centrifuge, refrigerate Transport to lab ASAP	Best collected at lab	Daily
LACTATE (LACTIC ACID), CSF	Lactic Acid, CSF	CSF 1 mL Place on ice immediately Transport to lab ASAP		Daily
LACTATE DEHYDROGENASE	LD			Daily
LACTATE DEHYDROGENASE, CSF	LD CSF			Daily
LACTATE DEHYDROGENASE, Fluid	LD fluid			Daily
LACTIC ACID	Lactate			Daily
LACTIC ACID, CSF	Lactate CSF			Daily
LACTOSE TOLERANCE		Call LabsNW 253-403-1187 to schedule		Daily
LAMB'S QUARTER IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
LAMICTAL	Lamotrigine			
LAMOTRIGINE	Lamictal	Red 2 mL serum (1 mL minimum) Refrigerate No gel barrier tubes		5 days
LANOXIN	Digoxin			
LATEX IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
LD (LACTATE DEHYDROGENASE)	LDH	Gold 1 mL serum (0.5 mL minimum) Avoid hemolysis		Daily
LD (LACTATE DEHYDROGENASE), Fluid	LDH Fluid	Fluid 1 mL Note fluid source		Daily
LD ISOENZYMES	LDH Isoenzymes	Red 2 mL serum (1 mL minimum) Avoid hemolysis Refrigerate		5 days
LD CSF	LDH, CSF	CSF 1 mL		Daily
LDH	LD			
LDH, CSF	LD CSF			

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
LDH, Fluid	LD fluid			
LDL CHOLESTEROL	Direct LDL Cholesterol	Gold 1 mL serum (0.6 mL minimum) Fasting best		Daily
LEAD, Blood		Royal Blue EDTA 2 mL whole blood (1 mL min) Do NOT centrifuge		72 hrs
LEAD, Urine 24-hr		Urine 24-hr 10 mL urine aliquot Record 24-hr volume Acid washed container Refrigerate during collection.		72 hrs
LEGIONELLA ANTIBODY PANEL (IFA)		Gold 2 mL serum, (0.8 mL min) Centrifuge ASAP Freeze		4 days
LEMON IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
LEPTOSPIRA ANTIBODY		Gold 1 mL serum (0.3 mL min) Centrifuge ASAP Refrigerate		4 days
LEUKOCYTES, FECAL	Fecal Leukocytes	Stool unpreserved/fresh or in Enteric Transport medium	Qualitative test for WBC's	Daily
LEUTEINIZING HORMONE	LH	Gold 1 mL serum (0.5 mL minimum)		
LEVETIRACETAM (KEPPRA)	Keppra	Red 1 mL serum (0.5 mL minimum) Centrifuge ASAP No gel barrier tubes		5 days
LFT REFLEX HEPATITIS		2 Gold 4 mL serum (2 mL minimum)	Reflexes to Hepatitis Chronic Battery if SGOT/SGPT elevated	Daily
LH (LEUTENIZING HORMONE)	Leutenizing Hormone	Gold 1 mL serum (0.5 mL minimum)		Daily
LIDOCAINE	Xylocaine	Red 1 mL serum (0.5 mL min) Centrifuge ASAP Refrigerate No SST Sample when steady state levels reached, 6-12 hours		Daily
LIORESAL	Baclofen			
LIPASE, Fluid		Fluid 1 mL Note fluid source		Daily
LIPASE, Serum		Gold 1 mL serum (0.5 mL minimum)		Daily
LIPASE, Urine		Urine 1 mL		Daily
LIPID PANEL	CVP			
LIPOPROTEIN (a)		Gold 2 mL serum (1.5 mL minimum)		72 hrs
LIPOPROTEIN ELECTROPHORESIS		Gold 2 mL serum (1 mL minimum) Fasting required		72 hrs
LITHIUM		Gold 1 mL serum (0.5 mL minimum)		Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
LIVER PANEL	Hepatic Function Panel	Gold 1 mL serum (0.5 mL minimum)		
LOBSTER IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
LORAZEPAM	Ativan	Red 4 mL serum (2 mL minimum) No SST Freeze serum		5 days
LUDIOMIL	Maprotiline			
LUPUS ANTICOAGULANT	Lupus Inhibitor Screen			
LUPUS INHIBITOR SCREEN	Antiphospholipid Antibodies, Lupus Anticoagulant	Blue 2 mL plasma Tube must have exact volume Centrifuge x2 to make platelet-poor plasma Freeze plasma ASAP No hemolysis	Positive screen reflexes to inhibitor identification test	Daily
LUPUS PANEL (CML)		2 Gold 4 mL serum (2.5 mL min) Panel includes ANAB, Centromere Ab, C3, C4, SS-A, SS-B, Sm Ab, RNP Ab, ATP, DNA (IFA), DNA (EIA), SCL-70 Ab		48 hrs
LYME ANTIBODIES IgG & IgM		Gold 1 mL serum (0.5 mL minimum)		4 days
LYTES	Electrolytes	Gold 1 mL serum (0.3 mL minimum) No hemolysis		
MAGNESIUM RBC		Royal Blue EDTA 3 mL whole blood Separate plasma & RBCs immediately Refrigerate Send both plasma and cells		4 days
MAGNESIUM, IONIZED	Ionized Magnesium			
MAGNESIUM, SERUM		Gold 1 mL serum (0.5 mL minimum)		Daily
MAGNESIUM, Urine		Urine 1 mL		Daily
MAGNESIUM, Urine 24-hr		Urine 24-hr 10 mL aliquot Record 24-hr volume Refrigerate during collection		
MALARIA SMEAR		Contact Client Services 403-1187 for instructions.		Daily
MANGANESE, Blood		Royal Blue EDTA 4ml whole blood (2 mL minimum)		72 hrs
MAPLE IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
MARIJUANA SCREEN	THC, Cannabinoids		Part of medical tox screen	Daily
MDMA (ECSTASY) CONFIRMATION		Urine 25mL	Order only if positive drug screen	48 hrs
MDMA (ECSTASY) SCREEN, URINE	Ecstasy	Urine 10 mL		Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
MEADOW FESCUE IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
MEASLES ANTIBODY	Rubeola Ab Screen			
MEDICAL DRUG SCREEN	Drug Screen Medical (Tox)	Urine 25 mL (10 mL minimum) Qualitative results (+/-) Confirmations of positive drug must be ordered separately		Daily
MELON IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
MEPERIDINE	Fentanyl	Urine 10 ml (5mL minimum)		
MERCURY, Blood		Royal Blue EDTA 4 mL whole blood (2 mL min) Refrigerate Three days prior to test, no swordfish, tuna, shark		72 hrs
MERCURY, Urine 24-hr		Urine 24-hour 25 mL aliquot Collect in acid wash container. Record 24-hr total volume. Refrigerate during collection. Three days prior to test, no swordfish, tuna, shark		72 hrs
METABOLIC SCREEN, Urine	Amino Acid Metabol. Screen	Urine 10 mL (6 mL minimum) Freeze urine		30 days
METANEPHRINE PROFILE, Urine 24-hr	Normetanephrines	Urine 24-hr 10 mL urine aliquot Record 24-hr volume Refrigerate during collection	Includes Metanephrine, Normetanephrine and Total Metanephrines	4 days
METANEPHRINES PLASMA		Lavender 2 mL plasma Prechill tube Freeze plasma Fasting best Pt: avoid ETOH, caffeine, tobacco, exercise prior to draw		5 days
METHADONE	Medical Tox Screen			Daily
METHADONE SCREEN, Urine	Part of Medical Tox Screen	Urine 10 mL	Qualitative	Daily
METHADONE, Confirmation		Urine 10 mL	Order separately	48 hrs
METHAMPHETAMINE SCREEN	Part of Medical Tox Screen	Urine 10 mL Qualitative		Daily
METHAMPHETAMINE Confirmation		Urine 10 mL	Order separately	48 hrs
METHEMOGLOBIN		Green 1.5 mL whole blood (0.5 mL min) Do not centrifuge Deliver on ice Testing must be performed within 4 hours		Daily
METHOTREXATE		Gold 1 mL serum (0.5 mL min) Draw 48 hours post dose		Daily
METHSUXIMIDE	Celontin	Red 2 mL serum (1 mL minimum) Protect from light No gel barrier tubes.		5 days

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
METHYLMALONIC ACID		Red 2 mL serum (1.0 mL minimum) Freeze serum No gel barrier tubes.		5 days
METHYLPHENIDATE	Ritalin	Red 3 mL serum (1.5 mL minimum) Freeze serum No gel barrier tubes		7 days
MG (MAGNESIUM), Serum	Magnesium, Serum	Gold 1 mL serum (0.5 mL minimum).		Daily
MG (MAGNESIUM), Urine	Magnesium, Urine	Urine 1 mL		Daily
MG (MAGNESIUM), Urine 24-hr	Magnesium, Urine 24-hr	Urine 24-hr 10 mL aliquot Record 24-hr volume Refrigerate during collection		Daily
MHA-TP (TREPONEMA PALLIDUM)	Syphilis, Treponema Pall.	Gold 1 mL serum Refrigerate serum	Referred to State Lab	7 days
MICROALBUMIN, Urine		Urine 24-hr 10 mL		Daily
MICROALBUMIN, Urine 24-hr		Urine 24-hr Send entire 24 hour collection Refrigerate during collection		48 hrs
MILK IGE		Gold 1 mL serum (0.5 mL minimum)		48 hrs
MITOCHONDRIAL ANTIBODY	Antimitochondrial Antibody	Gold 1 mL serum, (0.3 mL minimum)		4 days
MOLD IGE MIX		Gold 1 mL serum (0.5 mL minimum)	see appendix for list	Daily
MONO TEST		Gold 1 mL serum (0.3 mL minimum) Refrigerate serum		Daily
MORPHINE/HYDROCODONE/ HYDROMORPHONE	Vicodin, Dilaudid, Morphine/HC/HM, Opioids	Urine 10 mL Qualitative Order confirmation separately		Daily
MOTOR NEUROPATHY EVALUATION		Gold 3 mL serum (1.5 mL minimum)		5 days
MRSA CULTURE SCREEN		Swab of anterior nares	Nasal carriage screen. All other sources: order routine aerobic culture	Daily
MRSA NASAL PCR SCREEN	Rapid test	Swab of anterior nares		Daily
MS PANEL		Gold 2 mL serum minimum, AND CSF 4mL Freeze both		8 days
MUCIN CLOT TEST		Synovial Fluid collected in heparin 1 mL minimum		Daily
MUMPS ANTIBODIES IgM and IgG		Gold 2 mL serum (0.5 mL minimum) Centrifuge ASAP		72 hrs
MUMPS ANTIBODY IgG	Mumps Immunity Screen	Gold 1 mL serum (0.5 mL minimum) Centrifuge ASAP		72 hrs

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT	
MUMPS ANTIBODY IgM		Gold 2 mL serum (0.5 mL minimum) Centrifuge ASAP	Included in MUAB	72 hrs	
MUMPS IMMUNITY SCREEN	Mumps Antibody IgG				
MUSTARD IGE		Gold 1 mL serum (0.5 mL minimum)		Daily	
MYCOPLASMA ANTIBODY IgG		Gold 1 mL serum (0.5 mL minimum)		4 days	
MYCOPLASMA ANTIBODY IgM		Gold 1 mL serum (0.5 mL minimum)		4 days	
MYELIN BASIC PROTEIN, CSF		CSF 2 mL (1 mL minimum) Freeze		4 days	
MYELOPEROXIDASE AUTOANTIBODIES	P-ANCA				
MYOCARDIAL ANTIBODY		Gold 1 mL serum (0.5 mL minimum)		5 days	
MYOGLOBIN, Serum		Gold 1 mL serum (0.5 mL minimum)		Daily	
MYOGLOBIN, Urine		Urine 10 mL (5 mL minimum) Well-mixed random urine		4 days	
MYSOLINE	Primidone	Red 1 mL serum (0.5 mL min) No gel barrier tubes			
N-TELOPEPTIDE CROSS-LINKED (NTX)	NTX	Urine Submit full 2 hour collection. Refrigerate first morning urine, then collect 2 hr urine	Void & discard	Not a Medicare approved test	5 days
NA (SODIUM), Fluid	Sodium, Fluid	Fluid 1 mL Note fluid source		Daily	
NA (SODIUM), Serum	Sodium, Serum	Gold 1 mL serum (0.5 mL minimum)		Daily	
NA (SODIUM), Urine 24-hr	Sodium, Urine 24-hr	Urine 24-hr 15 mL aliquot Record 24-hr volume Refrigerate during collection		Daily	
NASAL SMEAR for EOSINOPHILS	Eosinophils Smear				
NBT (NEUTROPHILIC OXIDATIVE BURST)		2 Dark Green Maintain at room temperature. Must draw a normal control sample.	Call Client Services to coordinate service.	5 days	
NETTLE IGE		Gold 1 mL serum (0.5 mL minimum)		Daily	
NEURONTIN	Gabapentin				
NH3	Ammonia				
NONESTERIFIED FATTY ACIDS	Free Fatty Acids				
NOREPINEPHRINE, Plasma	Catecholamines, plasma fractionated				

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
NOREPINEPHRINE, Urine 24-hr	Catecholamines urine 24 hr			
NORPACE	Disopyramide			
NORTRIPTYLINE	Aventyl	Red 4 mL serum (1.5 mL min) Centrifuge ASAP Freeze No gel barrier tubes		5 days
NTX	N-Telopeptide Cross-Linked			
O&P (OVA and PARASITES)		Stool in PVA media 1 specimen/day, up to 3/week Test is for patients with history of travel or food consumption where exotic parasites might have been acquired. Patients with no significant food or travel history: single specimen submitted for Giardia/Cryptosporidium EIA assay.		48 hrs
OAK IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
OAT IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
OCCULT BLOOD HIGH SENSITIVITY SCREENING		Feces single collection in ULTRA FOB transport vial No dietary rules EIA test specific for human hemoglobin. 30X more sensitive than guiac.	For Medicare patient screening (G0328)	Daily
OCCULT BLOOD HIGH SENSITIVITY, Fecal/Stool		Feces single collection in ULTRA FOB transport vial No dietary rules EIA test specific for human hemoglobin. 30X more sensitive than guiac.	For non-Medicare patient screening	Daily
OD 450 (OPTICAL DENSITY CURVE) AMNIOTIC FLUID		Amniotic Fluid Protect from light Transport STAT to lab		48 hrs
OLIGOCLONAL BANDS		Gold 1 mL serum (0.5 mL min), AND CSF 1 mL		5 days
ONION IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
OPIATE, Urine		Urine 10 mL Qualitative Order confirmation separately		Daily
OPIATES SCREEN, Urine		Urine 10 mL Qualitative Order confirmation separately		Daily
OPIATES SCREEN, Urine, Confirmation		Urine 10 mL		48 hrs
OPIOIDS URINE SCREEN		Urine 10 mL		Daily
ORANGE IGE		Gold 1 mL serum (0.5 mL minimum)		Daily



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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
ORCHARD GRASS IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
ORGANIC ACIDS SCREEN, Quantitative		Urine 10 mL random Transport on ice ASAP		14 days
OSMOLALITY		Gold 1 mL serum (0.6 mL minimum)		Daily
OSMOLALITY, Fluid		Fluid 1 mL minimum Note fluid source		Daily
OSMOLALITY, Urine		Urine 1 mL minimum random		Daily
OXALATE, Urine 24-hr		Urine 24-hr 15 mL aliquot Record 24-hr volume Refrigerate during collection		72 hrs
OXCARBAZEPINE	Trileptal	Red 2 mL serum (1 mL min) Refrigerate No gel barrier tubes		7 days
OXY/COD/METHADONE	Codeine, Methadone, Opioid	Urine 10 mL Qualitative Order confirmation separately		Daily
OXYCODONE, Urine		Urine 10 mL Qualitative Order confirmation separately		Daily
OXYHEMOGLOBIN	CO-OX	Green 1 mL Do not spin Send on ice		Daily
OYSTER IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
P-ANCA	Myeloperoxidase Auto-Antibodies	Gold 1 mL serum (0.5 mL minimum)		5 days
PAP SMEAR, Conventional	Cervical Smear	PapPak Collection instructions illustrated inside of PAP Pak Include LMP and history information.		4 days
PAP SMEAR, THIN PREP	Thin Prep PAP Smear	ThinPrep vial Mix brush vigorously in vial, discard brush Include LMP and history information	See manual for collection details	4 days
PAPER WASP IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
PARIETAL CELL ANTIBODY		Gold 1 mL serum (0.5 mL minimum)		4 days
PARTIAL THROMBOPLASTIN TIME (PTT, APTT)	PTT			
PARVOVIRUS B19 ANTIBODIES		Gold 1 mL serum (0.5 mL minimum)	Includes IgG/IgM Abs	72 hrs
PATIENT ANTIGEN PROFILE	Patient Phenotype	Lavender 2 mL Avoid hemolysis	List antigens wanted	Daily
PATIENT PHENOTYPE	Patient Antigen Profile			
PCP SCREEN, Urine		Urine 10 mL		Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
PCP SCREEN, Urine, Confirmation		Urine 10 mL Specimen from tox screen can be used	Order if screen positive	48 hrs
PEACH IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
PEANUT IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
PEAR IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
PECAN IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
PEDIATRIC CHEMSCREEN ONCOLOGY		Gold 1 mL serum minimum	For oncology only	Daily
PEN. NOTATUM IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
PEROXIDASE STAIN		Lavender 1 mL minimum Transport to lab ASAP		Daily
PERTOFRAME	Imipramine			
PERTUSSIS PCR	Culture, Pertussis	Nasopharyngeal (NP) swab in orange cap transport tube	Replaced Pertussis Culture	48 hrs
pH, Fluid		Fluid 1 mL minimum Note fluid source		Daily
pH, Stool		Stool approximately 2 mL Transport to lab ASAP Test must be performed within 2 hours of collection		Daily
PHENCYCLIDINE		Urine 10 mL		Daily
PHENOBARBITAL		Gold 1 mL (0.3 mL min) Sample just before next oral dose		Daily
PHENYTOIN	Dilantin	Gold 1 mL serum (0.3 mL min) Draw prior to last dose.		
PHOSPHATASE, ACID, Fractionated	Acid Phos, Fractionated			
PHOSPHATASE, ACID, Total	Acid Phos, Total			
PHOSPHATE	Phosphorus			
PHOSPHATIDYLSERINE ANTIBODIES	Phospholipid Antibodies	Gold 2 mL serum (0.6 mL minimum) Freeze serum		5 days
PHOSPHOLIPID ANTIBODIES	Phosphatidylserine Abs			
PHOSPHORUS (PHOSPHATE), Fluid	PO4, Phosphate, Fluid	Fluid 1 mL Note fluid source		Daily
PHOSPHORUS (PHOSPHATE), Serum	PO4, Phosphate, Serum	Gold 1 mL serum (0.5 mL minimum)		Daily
PHOSPHORUS (PHOSPHATE), Urine	PO4, Phosphate, Urine	Urine 1 mL Random		Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
PHOSPHORUS (PHOSPHATE), Urine 24-hr	PO4, Phosphate, Urine 24-hr	Urine 24-hr 10 mL aliquot Record 24-hr volume Refrigerate during collection		Daily
PIGWEED, ROUGH IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
PINEAPPLE IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
PINTO BEAN IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
PINWORM EXAMINATION		Collect using SWOBE collection kit. Collect from perianal region immediately upon child waking in the morning		Daily
PISTACHIO IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
PKU COLLECTION		PKU card Newborns only, call LabsNW at 253-403-1187 for instructions Results sent from State Lab directly to provider	Referred to WA State Lab	
PLASMA RENIN ACTIVITY	Renin Activity Profile			
PLASMA THROMBOPLASTIN ANTECEDENT (PTA)	Factor II Assay			
PLASMA THROMBOPLASTIN COMPONENT	Factor II Assay			
PLASMINOGEN		Blue 1 mL plasma (0.5 minimum) Double spin plasma Use plastic vial Freeze plasma		4 days
PLATELET ANTIBODY STUDY	Antiplatelet Antibody	Referred M-Thursday only, must have specimen by 10am Call LabsNW at 253-403-1187 for collection instructions.		30 days
PLATELET COUNT		Lavender 1 mL whole blood minimum Avoid hemolysis		Daily
PLATELET FUNCTION SCREEN		Blue Properly filled Unspun Room temperature Transport immediately	Replacement test for Bleeding Time	Daily
PLATELET FUNCTION P2Y12 (PLAVIX)		Special requirements please call Client Services for details (253.403.1187)	Test evaluates platelet function in pts on Plavix or other P2Y12 inhibitors	Daily
PLEURAL	Body Fluid Cytology			
PNEUMOCOCCAL IGG ABS	Pneumococcal Abs	Gold 1 mL serum (0.5 minimum) Freeze serum Indicate pre or post vaccination		72 hrs
PNEUMOCYSTIS FA		Respiratory tract secretions (sputum, aspirate or BAL)		Daily
PO4	Phosphorus			

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
PORK IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
PORPHOBILINOGEN, Urine		Urine 24-hr 25 mL aliquot Record 24-hr volume Protect from light Refrigerate during collection		4 days
PORPHYRINS, Urine 24-hr		Urine 24-hr 25 mL aliquot Record 24-hr volume Protect from light Refrigerate during collection		4 days
POTASSIUM, Fluid	K, fluid	Fluid 1 mL Note fluid source		
POTASSIUM, Serum	K, serum	Gold 1 mL serum (0.5 mL minimum) Avoid hemolysis		
POTASSIUM, Urine 24-hr	Electrolytes Urine 24 hr			
POTASSIUM, Urine Random	K, Random	Urine 1 mL random		Daily
POTATO IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
PREALBUMIN		Gold 1 mL serum (0.4 mL minimum) Refrigerate		Daily
PREGNANCY TEST, Serum	HCG, Qualitative			
PREGNANCY TEST, Urine	HCG, Urine	Urine 1 mL minimum First a.m. specimen is best		Daily
PRENATAL PANEL 2		2 Lavender + 1 Gold Refrigerate gold tube	Includes Blood Type, Antibody Screen, CBC, RPR, Hep B Surface Ag, Rubella	48 hrs
PRENATAL PANEL 3		2 Lavender AND 2 Gold Refrigerate gold tubes Include Race, IDDM, Wt, LMP, EDC by US or EDC by LMP, DOB, twins and if prev. NTD or Down's	Includes Blood Type, Antibody Screen, CBC, RPR, Hep B Surface Ag, Rubella, Prenatal Risk Quad	48 hrs
PRENATAL RISK SCREEN (QUAD)		Gold 2 mL serum Include race, IDDM, Wt, LMP, EDC by US or EDC by LMP, DOB, twins, and if previous NTD or Down's	Includes AFP, b-HCG, Estriol, Inhibin A	72 hrs
PRENATAL RISK TRIPLE		Gold 2 mL serum (1.5 mL minimum) Use PRS Quad Screen unless physician specifically requests triple screen	Includes AFP, b-HCG, Estriol	72 hrs
PRIMIDONE	Mysoline	Red 1 mL serum (0.5 mL min) No gel barrier tubes Refrigerate		Daily
PROCAINAMIDE	Pronestyl, NAPA	Red 1 mL serum (0.5 mL min) Peak level: draw 1 hour after oral dose Midpoint level: 3.5 hours post dose, Trough level: prior to next dose		Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
PROCALCITONIN		Gold 1mL serum	Available 24/7	Daily
PROCONVERTIN STABLE FACTOR	Factor 7 Activity			
PROGESTERONE		Gold 1 mL serum minimum		Daily
PROLACTIN		Gold 1 mL serum (0.5 mL minimum)		Daily
PRONESTYL	Procainamide, NAPA			
PROPERDIN FACTOR B	C3 Proactivator			
PROSTATIC ACID PHOSPHATASE (PAP)	Acid Phosphatase			
PROSTATIC SPECIFIC ANTIGEN	PSA			
PROTEIN C ACTIVITY		Blue 1 mL aliquot of plasma Tube must have exact volume Centrifuge x2 to make platelet-poor plasma Freeze plasma ASAP No hemolysis		4 days
PROTEIN ELECTROPHORESIS, Nonserum		Fluid 5 ml minimum Note source		48 hrs
PROTEIN ELECTROPHORESIS, Serum		Gold 1 mL serum (0.4 mL minimum)		48 hrs
PROTEIN ELECTROPHORESIS, Urine	Urine Protein ELP	Urine 24-hr preferred, submit entire collection or 50 mL random urine Refrigerate during 24-hr collection		48 hrs
PROTEIN S ACTIVITY		Blue 1 mL aliquot of plasma Tube must have exact volume Centrifuge x2 to make platelet-poor plasma Freeze plasma ASAP No hemolysis		4 days
PROTEIN, Fluid		Fluid 2 mL Note fluid source		Daily
PROTEIN, Spinal Fluid		CSF 1 mL No red cells, hemolysis		Daily
PROTEIN, TOTAL, Serum		Gold 1 mL serum (0.5 mL minimum)		Daily
PROTEIN, Urine 24-hr		Urine 24-hr 10 mL aliquot Record 24-hr volume Refrigerate during collection		Daily
PROTEIN, Urine Random		Urine 1 mL Random		Daily
PROTEIN/CREATININE URINE RATIO		Urine 1 mL Ratio calculated from protein & creatinine results on random urine, and can replace 24-hr protein.		Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
PROTEINASE 3 AUTOANTIBODIES	C-ANCA			
PROTHROMBIN II DNA	Factor II DNA	Lavender 4mL (1 mL minimum) Refrigerate		4 days
PROTIME (PROTHROMBIN TIME)	includes INR	Blue Tube must have exact volume. Freeze plasma ASAP No hemolysis		Daily
PROTIME 1:1 MIX	Protime Mixing Study	Blue Tube must have exact volume. Freeze plasma ASAP No hemolysis		Daily
PROTOPORPHYRIN RBC	Zinc Protoporphyrins (FEP)	Lavender 1.5 mL whole blood (0.8 mL min) Refrigerate Protect from light		72 hrs
PSA (PROSTATIC SPECIFIC ANTIGEN)	Prostatic Specific Antigen	Gold 1 mL serum (0.5 mL minimum)		Daily
PSA, FREE and TOTAL		Gold 2 mL serum (1.5 mL minimum)		Daily
PSA, ULTRASENSITIVE	Free PSA	Gold 1 mL serum minimum		4 days
PSA SCREENING	Prostatic Specific Antigen	Gold 1 mL serum (0.5 mL minimum)	Medicare screening test	Daily
PSEUDOCHOLINESTERASE	Cholinesterase			5 days
PSITTACOSIS ANTIBODY	Chlamydia Group Ab Titer			
PTC	Factor 9 Activity			
PTH - C TERMINAL		2 Gold Draw full tubes, no head space, do not open tubes Centrifuge after clotting, do not separate serum Overnight fasting best.	Includes CA, Ionized CA	4 days
PTH - INTACT (ICMA)		2 Gold Draw full tubes, no head space, do not open tubes Centrifuge after clotting, do not separate serum Overnight fasting best	Recommended as initial assay for differential diagnosis	Daily
PTT	APTT, Activated Partial Tissue Thromboplastin	Blue Tube must have exact volume Centrifuge and freeze plasma ASAP No hemolysis		Daily
PURKINJE CELL ANTIBODY	Anticerebellar Ab			
PYRIDOXINE	Vitamin B6			
PYRIDOXOL PHOSPHATE	Vitamin B6			
PYRUVATE	Pyruvic Acid			

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
PYRUVATE KINASE SCREEN		Lavender 4 mL whole blood (2 mL minimum) Refrigerate		4 days
PYRUVIC ACID	Pyruvate	Lavender 4 mL whole blood (2 mL minimum) Refrigerate		5 days
Q FEVER ANTIBODIES IgG and IgM		Gold 1 mL serum (0.5 mL minimum)		5 days
QUINIDINE		Red 2 mL serum (0.5 mL min) Draw trough just prior to next dose		Daily
RA (RHEUMATOID ARTHRITIS) FACTOR	Rheumatoid Arthritis Factor	Gold 1 mL serum (0.5 mL minimum)	Quantitative	Daily
RABBIT IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
RAPAMUNE	Sirolimus			
RAPID INFLUENZA		Swab or Fluid in M6 transport medium Nasal aspirates and washes best		Daily
RAPID RSV		Swab or Fluid in M6 transport medium Nasal aspirates and washes best		Daily
RASPBERRY IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
RAST ANTIGEN TESTING	Allergy Testing	Gold 0.5 mL serum for each allergen. List allergens needed		48 hrs
RBC (RED BLOOD CELL COUNT)	Blood Count			
RBC INDICES (MCV, MCH, MCHC, RDW)	Blood Count or CBC			
RED CEDAR IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
RED KIDNEY BEAN IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
REDUCING SUBSTANCES, Stool		Stool Liquid sample equivalent to 0.5 mL		Daily
REDUCING SUBSTANCES, Urine		Urine 1 mL Test included in routine UA on children <2 years		Daily
RENAL FUNCTION PANEL		Gold 2 mL serum (1.5 mL minimum)	COMPONENTS: Basic Metabolic Panel Albumin, Phosphate	Daily
RENIN ACTIVITY PROFILE	Plasma Renin Activity	Contact Client Services 403-1187 for instructions.		4 days

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
RESPIRATORY VIRUS FA PANEL		Nasopharyngeal swab, nasal wash or nasal aspirate	Includes RSV, Influenza A & B, Parainfluenza 1, 2, & 3 and Adenovirus	Daily
RETICULIN ANTIBODY		Gold 1 mL serum (0.5 mL minimum) Freeze serum		4 days
RETICULOCYTE COUNT		Lavender 1 mL whole blood minimum Avoid hemolysis		Daily
RETINOL	Vitamin A			
RH GROUP		Lavender 1 mL whole blood		Daily
RH IMMUNE GLOB, MICRO	Micro RhoGam	Call LabsNW (253-403-1187) for instructions		Daily
RH IMMUNE GLOBULIN (RhoGAM)	RhoGam	Lavender 2 mL whole blood	300 mcg dose	Daily
RHEUMATOID ARTHRITIS FACTOR	RA	Gold 1 mL serum (0.5 mL minimum)	Quantitative	
RHOGAM	RH Immune Globulin	Lavender 2 mL whole blood	300 mcg dose	
RIBOFLAVIN	Vitamin B2			7 days
RICE IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
RISTOCETIN COFACTOR	Von Willebrand Factor			7 days
RITALIN	Methylphenidate	Red 3 mL serum (1.5 mL minimum) Freeze serum No gel barrier tubes		7 days
RIVOTRIL	Clonazepam			5 days
ROTAVIRUS ANTIGEN, Stool	Culture, Rotavirus	Stool Refrigerate Collect during 1st week after onset of symptoms.		48 hrs
RPR	Syphilis Screen	Gold 1 mL serum (0.5 mL minimum)	Quantitated if positive	Daily
RSV (RESPIRATORY SYNCYTIAL VIRUS) Ab		Gold 1 mL serum (0.5 mL minimum) Freeze serum		5 days
RSV DIRECT ANTIGEN		Nasopharyngeal (NP) swab specimen smeared in wells of microscope slide.		Daily
RUBELLA ANTIBODY IgG and IgM		Gold 1 mL serum minimum If Rubella suspected, take first specimen within 3 days of rash onset & 2nd specimen at least 2 weeks later.		72 hrs
RUBELLA IMMUNITY SCREEN		Gold 1 mL serum (0.5 mL minimum)		Daily



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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
RUBEOLA ANTIBODY IgG and IgM	Measels Antibody, Rubeola Immunity Screen	Gold 1 mL serum minimum Freeze serum		72 hrs
RUBEOLA ANTIBODY SCREEN	Measels Antibody, Rubeola Immunity Screen	Gold 1 mL serum (0.5 mL minimum)		72 hrs
RUBEOLA IMMUNITY SCREEN	Rubeola Antibody Screen			
RUSSIAN THISTLE IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
RYE GRASS IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
RYE IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
SALICYLATE	Aspirin, ASA, Acetylsalicylic Acid	Gold 1 mL serum (0.4 mL minimum) Indicate dosage		Daily
SALMON IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
SBT, PEAK or TROUGH	Serum Bactericidal Titer	Gold 2 mL serum minimum		72 hrs
SCALLOP IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
SCHLICHTER, PEAK or TROUGH	Serum Bactericidal Titer			
SCL-70	Scleroderma Antibody	Gold 1 mL serum (0.4 minimum) Fasting best		3 days
SCLERODERMA ANTIBODY SCL-70	SCL-70	Gold 1 mL serum (0.4 minimum) Fasting best		72 hrs
SELENIUM, Serum		Royal Blue Serum Trace Metal tube 2 mL serum (1 mL min) Patient: no vitamins, mineral supplements at least 3 days prior to specimen collection		72 hrs
SEMEN ANALYSIS		Semen collected in clean container, no condoms Deliver to central lab within 1 hour of collection -- Prior to 2pm Keep at room temperature Available Mon-Fri only Abstinence from sexual activity recommended for 72 hours prior to collection.	Deliver to Tacoma General Lab only	48 hrs
SENSORY NEUROPATHY EVAL	Motor/Sensory Neuropathy	Gold 3 mL serum (2 mL minimum)		5 days
SEROLOGIC TEST FOR SYPHILIS	MHA-TP			7 days

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
SEROTONIN, Blood		Special kit - contact LabsNW at 25-403-1187 Patient should avoid foods high in indoles: avocado, banana, tomato, plum, walnut, pineapple and eggplant. Patient should also avoid tobacco, tea and coffee three days prior to specimen collection.		72 hrs
SERUM BACTERICIDAL TITER, PEAK or TROUGH	SBT or Schlicter	Gold 2 mL serum minimum Collect trough specimen 30 minutes before scheduled dose of antibiotics. Collect peak specimen 30 minutes after infusion of antibiotics is completed.		72 hrs
SERUM PREGNANCY TEST	HCG			
SESAME SEED IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
SEX HORMONE BINDING GLOBULIN		Gold 1 mL serum (0.5 mL minimum)		4 days
SGOT (ASPARTATE AMINO TRANSFERASE)	Aspartate Aminotransferase, AST SGOT	Gold 1 mL serum (0.5 mL minimum) No hemolysis		Daily
SGOT/AST FLUID		Fluid 1 mL Note fluid source		Daily
SGPT (ALANINE AMINO TRANSFERASE)	Alanine Amino Transferase, ALT SGOT	Gold 1 mL serum (0.5 mL minimum)		Daily
SHEEP SORREL IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
SHRIMP IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
SICKLE CELL TEST	Hemoglobin S Screen	Lavender 1 mL whole blood minimum Recommend confirming positives by Hemoglobin Electrophoresis		Daily
SINEQUAN	Doxepin			
SIROLIMUS	Rapamune	Lavender 4mL whole blood (2 mL minimum) Refrigerate		6 days
SJOGREN'S ANTIBODIES, SS-A and SS-B	SSA or SSB	Gold 2 mL serum (1 mL minimum)		72 hrs
SKELETAL MUSCLE ANTIBODY	Antistriated Muscle Antibody			
SKIN FIBROBLAST CULTURES		Call LabsNW at 253-403-1187 for details		30 days
SMOOTH MUSCLE ANTIBODY	Antismooth Muscle Antibody	Gold 1 mL serum (0.5 mL minimum)	Positives titered on Thursdays.	4 days

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
SODIUM	NA, serum, urine, fluid			Daily
SODIUM, Urine Random		Urine 10 mL (1 mL minimum)		Daily
SOMATOMEDIN C IGF-1	IGF-1			
SOMATOTROPIN	Growth Hormone			
SOYBEAN IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
SPECIFIC GRAVITY, Fluid		Green 0.5 mL fluid minimum Note fluid type		Daily
SPECIFIC GRAVITY, Urine		Urine 0.5 mL minimum		Daily
SPERM COUNT		Semen collected in clean container Note if post vasectomy		Daily
SPERM WET MOUNT		Semen collected in clean container Note if post vasectomy		Daily
SSA	Sjogren's antibodies	Gold 0.8 mL serum (0.4 mL minimum)		72 hrs
SSB	Sjogren's antibodies	Gold 0.8 mL serum (0.4 mL minimum)		72 hrs
STATE HGB SCREEN		Call LabsNW at 253-403-1187 for special state collection kit		
STEM CELLS	CD34 peripheral blood			
STONE	Calculi (stone) analysis			4 days
STOOL CULTURE	Culture, stool			Daily
STRAWBERRY IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
STUART-PROWER FACTOR	Factor 10 Activity			
SURFACE MARKER PROFILE	Cell Markers			
SWEAT CHLORIDE		Call LabsNW at (253) 403-1187 to schedule collection appointment	Includes Cl iontophoresis & measurement	Daily
SWEET POTATO IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
SWT VERNAL GRASS IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
SYPHILIS SCREEN	RPR			Daily
T & B CELL SUBSETS	CD4/CD8 Panel			Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
T3 FREE	Free Triiodothyronine	Gold 1 mL serum (0.5 mL minimum)		Daily
T3 RIA	T3 Total			Daily
T3 TOTAL (T3 RIA)	Triiodothyronine or T3 RIA	Gold 1 mL serum (0.5 mL minimum)		Daily
T3 UPTAKE (T3U)		Gold 1 mL serum (0.5 mL minimum)		Daily
T4 (THYROXINE)	Thyroxine	Gold 1 mL serum (0.5 mL minimum)		Daily
T4 FREE	Free Thyroxine	Gold 1 mL serum (0.5 mL minimum)		Daily
TACROLIMUS	FK 506	Lavender 5 mL (1 mL minimum) Refrigerate		4 days
TAMBOCOR	Flecainide			
TAY SACHS SCREEN		Males, non-pregnant females, females not on birth control pills: Red 3 mL serum minimum Freeze serum ASAP No gel barrier tubes Pregnant or taking birth control pills: 2 Green 10 mL sodium heparin whole blood	Monday - Thursday only	4 days
TB CULTURE	Culture Mycobacteria			Daily
TBG (Thyroxine Binding Globulin)	Thyroxine Binding Globulin	Gold 1 mL serum (0.5 mL minimum) Refrigerate		72 hrs
TBII (Thyrotropin Binding Inhibitory Immunoglobulin)	Thyroxine Binding Globulin	Gold 1 mL serum (0.5 mL minimum) Refrigerate		72 hrs
TEGRETOL	Carbamazepine	Gold 1 mL serum (0.5 mL minimum) Note peak or trough collection	Trough collection just prior to next dose	Daily
TESTOSTERONE		Gold 1 mL serum (0.5 mL minimum)		Daily
TESTOSTERONE, Free	Free & Total Testosterone	Gold 2 mL serum	Includes Free and Total	Daily
TETANUS ANTIBODY		Gold 1 mL (0.5 mL minimum)		72 hrs
THALASSEMIA SCREEN		Lavender 5mL whole blood (1 mL min) Include DOB, ethnicity, iron status, RBC indices, pregnant Y/N, & EDC		15 days
THC SCREEN		Urine 10 mL		Daily
THEOPHYLLINE	Aminophylline	Gold 1 mL serum (0.4 mL minimum)		Daily
THIAMINE	Vitamin B1			4 days

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
THIN PREP PAP SMEAR	Pap Smear, ThinPrep			Daily
THIOCYANATE		Red 4 mL serum refrigerate		5 days
THROAT CULTURE	Culture, Throat			
THROMBIN TIME		Blue 1 mL aliquot of plasma Tube must have exact volume Centrifuge and freeze plasma ASAP No hemolysis		Daily
THYROGLOBULIN & ANTIBODY		Gold 2 mL serum (0.8 mL minimum)	Includes thyroglobulin and thyroglobulin antibody	Daily
THYROGLOBULIN ANTIBODY		Gold 1 mL serum (0.5 mL minimum)		Daily
THYROID ANTIBODIES	Anti-Thyroid Antibodies	Gold 1 mL serum minimum Freeze serum		Daily
THYROID PEROXIDASE (TPO)	Anti-Thyroidperoxidase Antibody			
THYROID STIMULATING HORMONE	TSH	Gold 1 mL serum (0.5 mL minimum)		Daily
THYROID STIMULATING IMMUNOGLOBULIN	TSI	Gold 2 mL serum (0.5 mL minimum)		5 days
THYROXINE	T4			Daily
THYROXINE BINDING GLOBULIN	TBG			Daily
THYROXINE, Free	T4 Free			Daily
TIBC (Total Iron Binding Capacity)	Iron and TIBC			Daily
TIMOTHY GRASS IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
TISSUE TRANSGLUTAMINASE IGA		Gold 1 mL serum (0.5 mL minimum)		4 days
TISSUE TRANSGLUTAMINASE IGG/IGA Antibodies		Gold 1 mL serum (0.5 mL minimum)		4 days
TOBRAMYCIN, PEAK or TROUGH		Gold 1 mL serum (0.5 mL min) Indicate peak or trough Trough: draw 15 minutes prior to dose Peak: 60 minutes after IM or 30 minutes after infusion		Daily
TOCOPHEROL	Vitamin E			
TOMATO IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
TOPAMAX	Toriramate			

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
TOPIRAMATE	Topamax	Red 2 mL serum (0.7 mL minimum) Refrigerate No gel barrier tubes		72 hrs
TORCH PANEL		2 Gold 3.5 mL serum (2.5 mL minimum)		72 hrs
TOX SCREEN	Medical Tox Screen			Daily
TOXICOLOGY	Medical Tox Screen			Daily
TOXO ABS	Toxoplasma Abs IgG, IgM			
TOXOCARA ANTIBODY		Gold 1 mL serum (0.5 mL minimum) Freeze serum		5 days
TOXOPLASMA ANTIBODIES IgG and IgM	Toxo Abs	Gold 1 mL serum (0.5 mL minimum)		72 hrs
TRANSFERRIN		Gold 1 mL serum (0.5 mL minimum) Refrigerate serum		Daily
TRANSMUCOSAL ACTIQ	Fentanyl, Meperidine			
TREE PANEL 3 (IGE)		Gold 1 mL serum minimum Includes mountain cedar, oak, elm, cottonwood, mesquite		Daily
TREPONEMA PALLIDUM ANTIBODY	FTA			
TRICHINOSIS ANTIBODY		Gold 1 mL serum (0.5 mL minimum)		10 days
TRICHOMONAS CULTURE	Culture, Trichomonas			
TRICYCLIC ANTIDEPRESSANTS, Blood		2 Gold 5mL serum (2 mL minimum) Centrifuge within 30 minutes	Total measures Amitriptyline, Desipramine, Imipramine, & Nortriptyline	Daily
TRIGLYCERIDES, Fluid		Fluid 1 mL Note fluid source		Daily
TRIGLYCERIDES, Serum		Gold 1 mL serum (0.4 mL minimum) Fasting best		Daily
TRIIODOTHYRONINE	T3 total			
TRILEPTAL	Oxycarbazepine			
TROFRANIL	Imipramine			
TROPONIN		Green 1 mL plasma (0.5 mL minimum)		Daily
TRYPSIN, Fecal		Stool 2g feces		5 days

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
<b>TSH (Thyroid Stimulating Hormone), 3rd Generation</b>		Gold 1 mL serum (0.4 mL minimum)		Daily
<b>TSH REFLEX FREE T4</b>		Gold 1.5 mL serum (1 mL minimum)	If TSH abnormal, reflexes to free T4	Daily
<b>TSI (Thyroid Stimulating Immunoglobulin)</b>	LATS (Long Acting Thyroid Stimulating Hormone)	Gold 1 mL serum (0.4 mL minimum)		4 days
<b>TUNA IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>TURKEY IGE</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>TYLENOL</b>	Acetamenophen			Daily
<b>TYPE AND SCREEN</b>		See separate instructions in manual		Daily
<b>TZANCK TEST</b>	Giemsa Stain-Viral Inclusion	Smear from fresh vesicular lesion.		48 hrs
<b>UA DIABETIC SCREEN</b>	Diabetic Screen, UA Reflexes to Microalbumin	Urine 20 mL random urine Urine dipstick reflexing to microscopic review if positive. If protein +, reflexes to urine microalbumin. If leukocyte +, WBC>10, or bacteria present, reflex to culture.		Daily
<b>UA MACROSCOPIC</b>		Urine 12 mL (1 mL minimum for pediatrics)	Dipstick only	Daily
<b>UA MICROSCOPIC</b>		Urine 12 mL random (1 mL minimum for pediatrics)		Daily
<b>UA REFLEX TO MICROALBUMIN</b>	UA Diabetic Screen			Daily
<b>UBT</b>	H pylori Breath Test			Daily
<b>UNBOUND BINDING CAPACITY (UIBC)</b>	Fe, TIBC			Daily
<b>UPPER RESPIRATORY ALLERGY</b>		2 Gold 4 mL serum minimum	see appendix for list	Daily
<b>UREA BREATH TEST</b>	H pylori Breath Test			Daily
<b>UREA NITROGEN</b>	BUN serum, urine, fluid			Daily
<b>URIC ACID, Fluid</b>		Fluid 1 mL Note fluid source		Daily
<b>URIC ACID, Serum</b>		Gold 1 mL serum (0.5 mL minimum)		Daily
<b>URIC ACID, Urine 24-hr</b>		Urine 24-Hr 20 mL aliquot Record 24-Hr volume Refrigerate during collection		Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
URIC ACID, Urine Random		Urine 1 mL random urine		Daily
URINALYSIS		Urine 12 mL random urine 1st morning specimen best	Includes dipstick, reflexes to microscopic if dipstick +	Daily
URINALYSIS, Culture if indicated		Urine 20 mL random urine Urine dipstick reflexing to microscopic review if positive. If leukocyte +, WBC>10, or bacteria present, reflex to culture.		Daily
URINE CULTURE	Culture, urine			Daily
URINE DIABETIC SCREEN	Diabetic screen	Urine 20 mL random urine	If protein dipstick neg, reflexes to microalbumin	Daily
V. ZOSTER IgG	Varicella Zoster Immunity Screen			
VALPROIC ACID	Depakene, Dipropylacetic Acid	Gold 1 mL serum (0.4 mL serum min) Note peak/trough Peak: 2 hours after infusion, Trough: right before next dose		Daily
VANCOMYCIN, PEAK or TROUGH		Gold 1 mL serum (0.4 mL serum min) Note peak/trough Peak: 2 hours after infusion, Trough: right before next dose		Daily
VAP CHOLESTEROL		Gold 2.5 mL serum minimum		72 hrs
VARICELLA ZOSTER ANTIBODY IgG and IgM		Gold 1 mL serum (0.5 mL minimum) Refrigerate serum	Includes IgG and IgM	72 hrs
VARICELLA ZOSTER IMMUNITY SCREEN	V Zoster IgG, Herpes Zoster	Gold 1 mL serum (0.5 mL minimum) Refrigerate serum		72 hrs
VASOACTIVE INTESTINAL POLYPEPTIDE - VIP	VIP			
VDRL SPINAL FLUID, CSF		CSF 1 mL minimum Room temperature	Referred to WA State Lab	14 days
VICODIN	Morphine, Hydrocodone			
VIIIIR: COFACTOR	Von Willebrand Factor			
VIP (VASOACTIVE INTESTINAL POLYPEPTIDE)		Lavender 3 mL plasma (1.5 mL minimum) Freeze plasma ASAP		5 days
VIRAL CULTURE	Culture, viral			
VIRAL CULTURE CMV	Culture, CMV			
VISCOSITY, Serum		Red 2 mL serum (1.5 mL minimum) Refrigerate serum		Daily



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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
VITAMIN A	Retinol	Gold 1.5 mL serum (0.6 mL minimum) Protect from light No hemolysis		72 hrs
VITAMIN B1	Thiamine	2 Lavender 6 mL whole blood (3 mL min) Protect from light Refrigerate		4 days
VITAMIN B12	Cyanocobalamin or B12	Gold 1 mL serum (0.5 mL minimum) Fasting best Refrigerate Protect from light		Daily
VITAMIN B2	Riboflavin	2 Lavender 6 mL whole blood (3 mL min) Protect from light Refrigerate		7 days
VITAMIN B6	Pyridoxine, Pyridoxol Phos.	2 Lavender 6 mL whole blood (3 mL min) Protect from light Refrigerate		5 days
VITAMIN C	Vitamin C, VITC	Gold 2 mL serum (1 mL minimum) Fasting Protect from light Centrifuge in refrigerated centrifuge Freeze serum		5 days
VITAMIN D 1,25-DIHYDROXY		Gold 2 mL serum, (1 mL min) Protect from light, refrigerate		72 hrs
VITAMIN D 25-HYDROXY	Cholecalciferol	Gold 1 mL serum (0.5 mL min) Protect from light, refrigerate		Daily
VITAMIN E	Tocopherol	Red 2 mL serum (0.6 mL min) Protect from light, No hemolysis, Freeze serum		4 days
VMA (VANILLYLMADELIC ACID), Urine 24-hr		Urine 24-Hr 15 mL aliquot Record 24-hr total volume Dietary restrictions Refrigerate during collection	No ETOH, Coffee, Tea, Tobacco, strenous exercise 3 days prior to collection	4 days
VON WILLEBRAND ANTIGEN	Factor 8 Antigen			
VON WILLEBRAND FACTOR	Risocetin Cofactor, VW Factor, VIIIIR: Cofactor	Blue 1 mL aliquot of plasma Tube must have exact volume Freeze plasma ASAP No hemolysis		4 days
VON WILLEBRAND PLATELET SCREEN		2 Blue Do not centrifuge Tubes must have exact volume Keep at room temperature Transport to lab ASAP		Daily
WALNUT IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
WARFARIN	Coumadin	Lavender 3mL plasma (1 mL minimum) Freeze plasma.		
WBC (WHITE BLOOD CELL COUNT)		Lavender 1 mL whole blood minimum Avoid hemolysis		Daily
WEED IGE MIX		Gold 1 mL serum minimum	see appendix for list	Daily

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TEST	ALTERNATE NAME	SPECIMEN REQUIREMENTS	NOTES	TAT
WESTERGREN SEDIMENTATION RATE	ESR (sed rate)			Daily
WESTERN JUNIPER IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
WESTERN RAGWEED IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
WET MOUNT EXAMINATION		Swab in small amount of saline.		Daily
WHEAT IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
WHITE BEAN IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
WHITE HORNET IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
WILD RYE GRASS IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
XYLOCAINE	Lidocaine			
YEAST IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
YELLOW HORNET IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
YELLOW JACKET IGE		Gold 1 mL serum (0.5 mL minimum)		Daily
YERSINIA ANTIBODIES		Gold 1 mL serum (0.5 mL min) OR CSF 0.5 mL minimum		5 days
YO ANTIBODY	Anticerebellar Antibody	Gold 1 mL serum (0.6 mL minimum) Fasting best Freeze serum		
ZARONTIN	Ethosuximide			
ZINC AND LEAD PROTOPORPHYRIN		Royal Blue EDTA 3 mL whole blood (2 mL minimum) No hemolysis Protect from light	Dietary restrictions	72 hrs
ZINC PROTOPORPHYRINS (FEP)	Protoporphyrine RBC	Lavender 2 mL whole blood (1 mL min) Protect from light Refrigerate		
ZINC, Plasma or Serum		Royal Blue (no additive) Trace Metal tube 1 mL whole blood or serum (0.5 mL minimum) Aliquot into plastic trace metal tube, Refrigerate		72 hrs
ZONEGRAN	Zonisamide	Red 2 mL serum (1 mL minimum) No gel barrier tubes		7 days
ZONISAMIDE	Zonegran	Red 2 mL serum (1 mL minimum) No gel barrier tubes		