

Robert J. Tomsich Pathology and Laboratory Medicine Institute
Reflex Test List
2019

Test * Reflex testing is standard practice	Condition(s)	Reflex Test(s)
Absolute Granulocyte Count with CBC (AGCCBC)	Presence of blasts, atypical lymphocytes, or lymphoma cells	Manual Differential
Complete Blood Count (CBC)	Out patient with a WBC >19.99 k/μL or a WBC < 2.01 k/μL	Automated Differential
Urinalysis Only (UA)	Positive urine Hemoglobin, Leukocyte Esterase, and/or Protein	Urine Microscopic (Lab order only)
Basic Lipid Panel (LIPB)	Triglycerides > 400 mg/dL	LDL Cholesterol, Direct (LDLCT)
Maternal Drug Screen (MDSRF)	Preliminary Positive	Amphetamine Confirmation (Urine), Barbiturate Confirmation (Urine), Benzodiazepines Confirmation (Urine), Cannabinoid Confirmation(Urine), Cocaine Confirmation(Urine), Opiate Confirmation(Urine), Oxycodone Confirmation(Urine), Phencyclidine Confirmation(Urine), Ethanol Confirmation (Urine)
Neonatal Drug Screen (NDSRF)	Preliminary Positive	Amphetamine Confirmation (Urine), Barbiturate Confirmation (Urine), Benzodiazepines Confirmation (Urine), Cannabinoid Confirmation(Urine), Cocaine Confirmation(Urine), Opiate Confirmation(Urine), Oxycodone Confirmation(Urine), Phencyclidine Confirmation(Urine), Ethanol Confirmation (Urine)
Pediatric Drug Screen (PDSRF)	Preliminary Positive	Amphetamine Confirmation (Urine), Barbiturate Confirmation (Urine), Benzodiazepines Confirmation (Urine), Cannabinoid Confirmation(Urine), Cocaine Confirmation(Urine), Opiate Confirmation(Urine), Oxycodone Confirmation(Urine), Phencyclidine Confirmation(Urine), Ethanol Confirmation (Urine)
Toxicology Screen with Confirmation, Urine (UTOXRF)	Presumptive Positive	Amphetamine Confirmation (Urine), Barbiturate Confirmation (Urine), Benzodiazepines Confirmation (Urine), Cannabinoid Confirmation(Urine), Cocaine Confirmation(Urine), Opiate Confirmation(Urine), Oxycodone Confirmation(Urine), Phencyclidine Confirmation(Urine), Ethanol Confirmation (Urine)
Vitamin B12 with Reflex (B12RFX)	B12 ≥150 pg/mL but ≤400 pg/mL	Methylmalonic Acid (MMA) and Homocysteine (HOMCYS)
*AFB Culture and Stain (AFC)	Positive Findings	Organism ID & Susceptibility
*AFB Culture and Stain for Patients with Cystic Fibrosis (AFBCF)	Positive Findings	Organism ID & Susceptibility
*AFB Culture Only (AFCO)	Positive Findings	Organism ID & Susceptibility
*Anaerobe Culture (ANACUL)	Positive Findings	Organism ID & Susceptibility
*Blood Culture (BLCUL)	Positive Findings	Organism ID & Susceptibility
*Blood Parasites (BLDPAR)	Positive Findings	Calculation of parasitemia percentage plus review of positive slides by medical director
*Body Fluid Culture and Stain (BFCUL)	Positive Findings	Organism ID & Susceptibility
*Bronchoscopy Culture and Gram Stain (BALCSM)	Positive Findings	Organism ID & Susceptibility
*Campylobacter Culture (CAMPY)	Positive Findings	Organism ID
*Catheter Tip Culture (CTCUL)	Positive Findings	Organism ID & Susceptibility
*Clostridium difficile Toxin by PCR (CDPCR)	Positive Findings	C. difficile Toxin by EIA
*Cryptococcus Ag Detection (CAD)	Positive Findings	Titration of positive specimens to determine titer
*Cryptosporidium Examination (CRYSP0)	Positive Findings	Positive Cryptosporidium results are confirmed with microscopy after concentration of the specimen
*CSF Culture and Stain (CSFCUL)	Positive Findings	Organism ID & Susceptibility
*Cystic Fibrosis Respiratory Culture (CFRCUL)	Positive Findings	Organism ID & Susceptibility
*Ear Culture and Gram Stain EARCSM)	Positive Findings	Organism ID & Susceptibility
*Eye Culture (EYEC)	Positive Findings	Organism ID & Susceptibility
*Eye Culture and Gram Stain (EYEC SM)	Positive Findings	Organism ID & Susceptibility
*Fungal Blood Culture (HISTCL)	Positive Findings	Organism ID & Susceptibility
*Fungal Culture -Non Dermal Sites (FCUL)	Positive Findings	Organism ID
*Fungal Culture and Smear - Non Dermal (FCULSM)	Positive Findings	Organism ID
*Fungal Culture and Smear Hair, Skin, Nail (FHSNSM)	Positive Findings	Organism ID
*Fungal Culture Hair, Skin, Nail (ACFSC)	Positive Findings	Organism ID
*Fungus CSF Culture/CAD (FUNCSF)	Positive Findings	Organism ID
*Fungus Screen (FUNGSC)	Positive Findings	Organism ID
*Group B Strep Culture Screen (GRPBSC)	Positive Findings	Organism ID (& Susceptibility if patient is β-lactam allergic)

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*Helicobacter pylori Culture (HPYCUL)	Positive Findings	Organism ID & Sendout Susceptibility
*Intraoperative Hardware Culture (IOHWC)	Positive Findings	Organism ID & Susceptibility
*Legionella Culture (LEGCUL)	Positive Findings	Organism ID
*Miscellaneous Culture (MISCUL)	Positive Findings	Organism ID & Susceptibility
*Miscellaneous Culture and Stain (MISCCS)	Positive Findings	Organism ID & Susceptibility
*Miscellaneous Culture Screen (MISCSC)	Positive Findings	Organism ID & Susceptibility
*Miscellaneous GC Screen (MISCGC)	Positive Findings	Organism ID
*MRSA Culture Screen (MRSASC)	Positive Findings	Organism ID
*MRSA/Staph aureus Culture Screen (SANSAL)	Positive Findings	Organism ID
*Nocardia Culture and Stain (NOCARD)	Positive Findings	Organism ID & Sendout Susceptibility
*Nocardia Culture Only (NOCARC)	Positive Findings	Organism ID & Sendout Susceptibility
*Orthopedic Implant Culture (ORTCUL)	Positive Findings	Organism ID & Susceptibility
*Respiratory Culture and Stain (RCULST)	Positive Findings	Organism ID & Susceptibility
*Sinus Culture and Gram Stain (SINUSC)	Positive Findings	Organism ID & Susceptibility
*Throat Culture, Routine (THRCUL)	Positive Findings	Organism ID
*Tissue Culture and Stain (TISCUL)	Positive Findings	Organism ID & Susceptibility
*Urine Culture (URCUL)	Positive Findings	Organism ID & Susceptibility
*Vibrio Culture (VIBCUL)	Positive Findings	Organism ID & Susceptibility
*VRE Culture Screen (VRESC)	Positive Findings	Organism ID
*Wound Culture and Gram Stain (WCUL)	Positive Findings	Organism ID & Susceptibility
*Yersinia Culture (YERCUL)	Positive Findings	Organism ID & Susceptibility
*Aeromonas/Plesiomonas Culture (AERPLE)	Positive Findings	Organism ID & Susceptibility
AFB Identification and Susceptibility Test (AFIDST)	Positive Findings	Susceptibility
AFB Stain Only (AFS)	Positive Findings	PCR testing to determine If Mycobacteria tuberculosis complex vs. nontuberculosis Mycobacteria
Gram stain (MGMST)	Beaded, gram-positive filamentous and branching bacteria are present	Partial acid-fast stain and Nocardia culture, unless these have already been ordered
Group B Strep PCR (GBPCR)	Positive Findings	Susceptibility if patient is β -lactam allergic)
HLAB27 (B27PCR)	Clinically indicated per pathologist	HLA-B27 Genotype
ANA by IFA with Reflex (ANAIFR)	If ANA screen by IFA is positive ANA titer and pattern, DNA, SSA Ab, SSB Ab, Smith Ab, JO-1 Ab, Chromatin, Scleroderma, RNP Ab, Ribosomal RNP, and Centromere will be performed and billed.	ANA IFA Titer Bill, ENAID (SSA Ab, SSB Ab, Smith Ab, JO-1 Ab, Chromatin, Scleroderma, RNP Ab, Ribosomal RNP, and Centromere), DNA
ANA Panel I (ANA1)	If ANA screen by EIA is positive DNA, SSA Ab, SSB Ab, Smith Ab, JO-1 Ab, Chromatin, Scleroderma, RNP Ab, Ribosomal RNP, and Centromere will be performed and billed.	ENA Antibody Panel, DNA Antibody with Confirmation
Anti-Neutrophil Cytoplasmic Antibody (ANCA)	Positive or equivocal	Proteinase 3 Autoantibodies and / or Myeloperoxidase Autoantibodies
Aspergillus Antibody - CF reflex to ID (ASPCF)	Positive	Aspergillus Ab ID
Blastomyces Antibody - CF reflex to ID (BLSCF)	Positive	Blastomyces Ab ID
Celiac Screen with Reflex (CELSCR)	For all Tissue Transglutaminase IgA > 20 U (positive) Gliadin IgA, IgG, and Endomysial Antibodies will be performed and billed. For all Total IgA < 7.0 mg/dL (low / abnormal low), Tissue Transglutaminase IgG and Gliadin IgG will be performed and billed.	Gliadin (Deamidated) IgA Ab, Gliadin (Deamidated) IgG Ab, Transglutaminase IgG Abs, Endomysial IgA Antibody
Coccidioides Antibody - CF reflex to ID (COCIAB)	Positive	Coccidioides Ab ID
DNA Antibody with Confirmation (DNA)	Positive	Crithidia luciliae
Fungal Antibodies, CF (FUNCF)	Positive	Aspergillus Ab ID, Blastomyces Ab ID, Coccidioides Ab ID, Histoplasma Ab ID
Hepatitis B Surface Antigen (HBSAG)	Positive	Hepatitis B Surface Antigen, Confirmatory

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Hepatitis C Antibody IA w/Confirmatory (AHC1B)	Positive	Hepatitis C RNA by PCR
Histoplasma Antibody - CF reflex to ID (HISCF)	Positive	Histoplasma Ab ID
HIV 1 2 Combo Antigen / Antibody (HIV12C)	Positive (preliminary)	Human Immuno Deficiency Virus Types 1 & 2 Antibody
Lyme Antibody Early Disease - < =30 days of signs or symptoms, with Reflex (LMERLY)	Positive or equivocal	IgG Western Blot
Lyme Antibody Late Disease - >30 days of signs or symptoms, with Reflex (LMLATE)	Positive or equivocal	IgG Western Blot
Mitochondrial Antibody Panel (MITO)	Positive	Mitochondrial Titer
Parietal Cell Antibody Panel (PARIET)	Positive	Parietal Cell Titer (Lab Order)
Protein Electrophoresis, Serum, with IFE (SEPGRX)	M protein identified	Monoclonal Protein, Blood
Protein Electrophoresis, Urine, with IFE (UEPGRX)	M protein identified or clinically indicated	Monoclonal Protein, Urine
Rapid Plasma Reagin (RPR)	Positive	RPR Quantitative Titer
Smooth Muscle Antibody Panel (SMOOTH)	Positive	Smooth Muscle Titer (Lab Ordered)
Syphilis IgG with Confirmation (SYPHGX)	Positive or equivocal	Rapid Plasma Reagin and Treponema Pallidum Antibody, IgG
ADAMTS13 Activity (ADAM13A)	If low and ADAMTS13 Inhibitor negative	ADAMTS13 antibody
Anti-Platelet Factor 4 (PLATF4)	Positive PF4 by ELISA	Heparin induced platelet aggregation
APC resistance (APC)	Positive result or clinically indicated based on pharmaceuticals	Factor V Leiden
Hypercoagulation Diagnostic Interpretive Panel (HYPER)	Clinically indicated per pathologist	Factor II Assay
Hypercoagulation Diagnostic Interpretive Panel (HYPER)	Clinically indicated per pathologist	Factor IX Assay
Hypercoagulation Diagnostic Interpretive Panel (HYPER)	Clinically indicated per pathologist	Factor V Assay
Hypercoagulation Diagnostic Interpretive Panel (HYPER)	Clinically indicated per pathologist	Factor VII Assay
Hypercoagulation Diagnostic Interpretive Panel (HYPER)	Clinically indicated per pathologist	Factor VIII Assay
Hypercoagulation Diagnostic Interpretive Panel (HYPER)	Clinically indicated per pathologist	Factor X Assay
Hypercoagulation Diagnostic Interpretive Panel (HYPER)	Clinically indicated per pathologist	Factor XI Assay
Hypercoagulation Diagnostic Interpretive Panel (HYPER)	Clinically indicated per pathologist	Factor XII Assay
Hypercoagulation Diagnostic Interpretive Panel (HYPER)	Clinically indicated per pathologist	Factor XIII Assay
Hypercoagulation Diagnostic Interpretive Panel (HYPER)	Clinically indicated per pathologist	Protein S Immunologic
Hypercoagulation Diagnostic Interpretive Panel (HYPER)	Clinically indicated per pathologist	Prothrombin Time and PTT elevation diagnostic panel
Hypercoagulation Diagnostic Interpretive Panel (HYPER)	Clinically indicated per pathologist	Prothrombin Time Elevation Diagnostic Panel
Hypercoagulation Diagnostic Interpretive Panel (HYPER)	Clinically indicated per pathologist	Prothrombin Time Mixing Study
Hypercoagulation Diagnostic Interpretive Panel (HYPER)	Clinically indicated per pathologist	PTT Elevation Diagnostic Panel
Hypercoagulation Diagnostic Interpretive Panel (HYPER)	Clinically indicated per pathologist	PTT Incubated Mixing Study
Lupus Anticoagulant Diagnostic Interpretive Panel (LUPUSP)	Clinically indicated per pathologist	Protein S clottable
Lupus Anticoagulant Diagnostic Interpretive Panel (LUPUSP)	Clinically indicated per pathologist	Protein C functional
Lupus Anticoagulant Diagnostic Interpretive Panel (LUPUSP)	Clinically indicated per pathologist	APC resistance
Lupus Anticoagulant Diagnostic Interpretive Panel (LUPUSP)	Clinically indicated per pathologist	Prothrombin Time and PTT Elevation Diagnostic Panel
Lupus Anticoagulant Diagnostic Interpretive Panel (LUPUSP)	Clinically indicated per pathologist	Prothrombin Time Elevation Diagnostic Panel
Lupus Anticoagulant Diagnostic Interpretive Panel (LUPUSP)	Clinically indicated per pathologist	Prothrombin Time Mixing Study
Lupus Anticoagulant Diagnostic Interpretive Panel (LUPUSP)	Clinically indicated per pathologist	PTT Elevation Diagnostic Panel
Lupus Anticoagulant Diagnostic Interpretive Panel (LUPUSP)	Clinically indicated per pathologist	PTT Incubated Mixing Add On
Lupus Anticoagulant Diagnostic Interpretive Panel (LUPUSP)	Clinically indicated per pathologist	PTT Incubated Mixing Study
Protein C Functional (PRCFUN)	Clinically indicated per pathologist	Protein C antigen
Protein S Clottable (PRSCLT)	Low result or patient on pharmaceuticals	Protein S Immunologic
Prothrombin Time and PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Factor II Assay
Prothrombin Time and PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Factor IX Assay
Prothrombin Time and PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Factor V Assay
Prothrombin Time and PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Factor VII Assay

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Prothrombin Time and PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Factor VIII Assay
Prothrombin Time and PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Factor X Assay
Prothrombin Time and PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Factor XI Assay
Prothrombin Time and PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Factor XII Assay
Prothrombin Time and PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Factor XIII Assay
Prothrombin Time and PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	LUPUS panel
Prothrombin Time and PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Dilute Russell Viper Venom Time
Prothrombin Time and PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	STACLOT
Prothrombin Time and PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Platelet Neutralization Panel
Prothrombin Time and PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Thrombin Time
Prothrombin Time and PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Anti-Xa screen
Prothrombin Time and PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Ristocetin cofactor
Prothrombin Time and PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	von Willebrand antigen
Prothrombin Time and PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	von Willebrand multimer
Prothrombin Time and PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Collagen binding assay
Prothrombin Time Elevation Diagnostic Panel (PTEPNL)	Clinically indicated per pathologist	Factor II Assay
Prothrombin Time Elevation Diagnostic Panel (PTEPNL)	Clinically indicated per pathologist	Factor IX Assay
Prothrombin Time Elevation Diagnostic Panel (PTEPNL)	Clinically indicated per pathologist	Factor V Assay
Prothrombin Time Elevation Diagnostic Panel (PTEPNL)	Clinically indicated per pathologist	Factor VII Assay
Prothrombin Time Elevation Diagnostic Panel (PTEPNL)	Clinically indicated per pathologist	Factor VIII Assay
Prothrombin Time Elevation Diagnostic Panel (PTEPNL)	Clinically indicated per pathologist	Factor X Assay
Prothrombin Time Elevation Diagnostic Panel (PTEPNL)	Clinically indicated per pathologist	Factor XI Assay
Prothrombin Time Elevation Diagnostic Panel (PTEPNL)	Clinically indicated per pathologist	Factor XII Assay
Prothrombin Time Elevation Diagnostic Panel (PTEPNL)	Clinically indicated per pathologist	Factor XIII Assay
Prothrombin Time Elevation Diagnostic Panel (PTEPNL)	Clinically indicated per pathologist	LUPUS panel
Prothrombin Time Elevation Diagnostic Panel (PTEPNL)	Clinically indicated per pathologist	DRVVT
Prothrombin Time Elevation Diagnostic Panel (PTEPNL)	Clinically indicated per pathologist	STACLOT
Prothrombin Time Elevation Diagnostic Panel (PTEPNL)	Clinically indicated per pathologist	PNP
Prothrombin Time Elevation Diagnostic Panel (PTEPNL)	Clinically indicated per pathologist	Thrombin Time
Prothrombin Time Elevation Diagnostic Panel (PTEPNL)	Clinically indicated per pathologist	Factor V Leiden
Prothrombin Time Elevation Diagnostic Panel (PTEPNL)	Clinically indicated per pathologist	Anti-Xa screen
Prothrombin Time Elevation Diagnostic Panel (PTEPNL)	Clinically indicated per pathologist	Ristocetin cofactor
Prothrombin Time Elevation Diagnostic Panel (PTEPNL)	Clinically indicated per pathologist	von Willebrand antigen
Prothrombin Time Elevation Diagnostic Panel (PTEPNL)	Clinically indicated per pathologist	von Willebrand multimer
Prothrombin Time Elevation Diagnostic Panel (PTEPNL)	Clinically indicated per pathologist	Collagen binding assay
Prothrombin Time Mixing Study (PTMIX)	Clinically indicated per pathologist	Factor V Leiden
Prothrombin Time Mixing Study (PTMIX)	Clinically indicated per pathologist	Factor II Assay
Prothrombin Time Mixing Study (PTMIX)	Clinically indicated per pathologist	Factor IX Assay
Prothrombin Time Mixing Study (PTMIX)	Clinically indicated per pathologist	Factor V Assay
Prothrombin Time Mixing Study (PTMIX)	Clinically indicated per pathologist	Factor VII Assay
Prothrombin Time Mixing Study (PTMIX)	Clinically indicated per pathologist	Factor VIII Assay
Prothrombin Time Mixing Study (PTMIX)	Clinically indicated per pathologist	Factor X Assay
Prothrombin Time Mixing Study (PTMIX)	Clinically indicated per pathologist	Factor XI Assay
Prothrombin Time Mixing Study (PTMIX)	Clinically indicated per pathologist	Factor XII Assay
Prothrombin Time Mixing Study (PTMIX)	Clinically indicated per pathologist	Factor XIII Assay
Prothrombin Time Mixing Study (PTMIX)	Clinically indicated per pathologist	LUPUS panel
Prothrombin Time Mixing Study (PTMIX)	Clinically indicated per pathologist	DRVVT

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Prothrombin Time Mixing Study (PTMIX)	Clinically indicated per pathologist	STACLOT
Prothrombin Time Mixing Study (PTMIX)	Clinically indicated per pathologist	PNP
Prothrombin Time Mixing Study (PTMIX)	Clinically indicated per pathologist	Thrombin Time
Prothrombin Time Mixing Study (PTMIX)	Clinically indicated per pathologist	Anti-Xa screen
Prothrombin Time Mixing Study (PTMIX)	Clinically indicated per pathologist	Ristocetin cofactor
Prothrombin Time Mixing Study (PTMIX)	Clinically indicated per pathologist	von Willebrand antigen
Prothrombin Time Mixing Study (PTMIX)	Clinically indicated per pathologist	von Willebrand multimer
Prothrombin Time Mixing Study (PTMIX)	Clinically indicated per pathologist	Collagen binding assay
PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Factor II Assay
PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Factor IX Assay
PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Factor V Assay
PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Factor VII Assay
PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Factor VIII Assay
PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Factor X Assay
PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Factor XI Assay
PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Factor XII Assay
PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Factor XIII Assay
PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	LUPUS panel
PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	DRVVT
PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	STACLOT
PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	PNP
PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Thrombin Time
PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Anti-Xa screen
PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Ristocetin cofactor
PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	von Willebrand antigen
PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	von Willebrand multimer
PTT Elevation Diagnostic Panel (PTPTTE)	Clinically indicated per pathologist	Collagen binding assay
PTT Incubated Mixing Study (PTTIM)	Clinically indicated per pathologist	Factor IX Assay
PTT Incubated Mixing Study (PTTIM)	Clinically indicated per pathologist	Factor V Assay
PTT Incubated Mixing Study (PTTIM)	Clinically indicated per pathologist	Factor VII Assay
PTT Incubated Mixing Study (PTTIM)	Clinically indicated per pathologist	Factor VIII Assay
PTT Incubated Mixing Study (PTTIM)	Clinically indicated per pathologist	Factor X Assay
PTT Incubated Mixing Study (PTTIM)	Clinically indicated per pathologist	Factor XI Assay
PTT Incubated Mixing Study (PTTIM)	Clinically indicated per pathologist	Factor XII Assay
PTT Incubated Mixing Study (PTTIM)	Clinically indicated per pathologist	Factor XIII Assay
PTT Incubated Mixing Study (PTTIM)	Clinically indicated per pathologist	LUPUS panel
PTT Incubated Mixing Study (PTTIM)	Clinically indicated per pathologist	DRVVT
PTT Incubated Mixing Study (PTTIM)	Clinically indicated per pathologist	STACLOT
PTT Incubated Mixing Study (PTTIM)	Clinically indicated per pathologist	PNP
PTT Incubated Mixing Study (PTTIM)	Clinically indicated per pathologist	Thrombin Time
PTT Incubated Mixing Study (PTTIM)	Clinically indicated per pathologist	Anti-Xa screen
PTT Incubated Mixing Study (PTTIM)	Clinically indicated per pathologist	Ristocetin cofactor
PTT Incubated Mixing Study (PTTIM)	Clinically indicated per pathologist	von Willebrand antigen
PTT Incubated Mixing Study (PTTIM)	Clinically indicated per pathologist	von Willebrand multimer
PTT Incubated Mixing Study (PTTIM)	Clinically indicated per pathologist	Collagen binding assay

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Enteric Bacterial Panel by PCR (STLPCR)	Positive for Salmonella spp. or Shigella spp.	Salmonella Shigella Culture for susceptibility testing and/or epidemiologic investigation. Salmonella isolates and specimens positive for shiga-toxin genes will be submitted to ODH laboratory for further characterization.
Stool Gastrointestinal Panel by PCR (STGIPR)	Positive for Salmonella spp. or Shigella spp.	Salmonella Shigella Culture for susceptibility testing and/or epidemiologic investigation. Salmonella isolates and specimens positive for shiga-toxin genes will be submitted to ODH laboratory for further characterization.
Chromosome Analysis with Reflex AML FISH panel (CHRAML)	If insufficient cells for chromosome analysis.	FISH for Acute Myeloid Leukemia Panel (FAMLPN)
Chromosome Analysis with Reflex MDS FISH (CHRMDS)	If insufficient cells for chromosome analysis.	FISH for Myelodysplasia (FSHMDS)
FISH for Plasma Cell Myeloma (FSHPCM)	If an IGH translocation is present that does not represent an IGH/CCND1 translocation, additional reflex studies will be performed using probes for IGH/MMSET and IGH/MAF.	FISH for Plasma Cell Myeloma Extended Panel (PCMEXT)
Type and Screen (TSCR) Type and Screen - 30D (TSCR30) Type and Screen, Prenatal (TSPN) ABO Rh Typing (ABORH) Indirect Anti-globulin Test (IAGT)	When certain clinical conditions are met: Conditions: · Patients for whom prophylactic phenotype matching may be indicated, including sickle cell anemia, thalassemia, and any other medical condition requiring long-term Red Cell transfusion support · Patients with clinically significant alloantibodies for whom standard serological typing cannot be performed, e.g., due to positive direct ant globulin test or recent transfusion · Patients with serological reactivity that interferes with exclusion of clinically significant antibodies, including autoantibodies, high titer low avidity antibodies, and selected cases of antibody reactivity with no apparent specificity · Patients with suspected antibody to a high frequency antigen, or other antigen for which typing sera are not readily available · Patients with discrepancies on serological typing	Human Erythrocyte Antigen
Direct Antiglobulin Test (DAGT)	Positive result	Monospecific C3 and IgG
Type and Screen (TSCR) Type and Screen 30 (TSCR30) Type and Screen Prenatal (TSPN) Type and Screen, Predelivery (PREDEL) Type and Screen, Postdelivery (POSDEL) Indirect Antiglobulin Test (IAGT)	Condition 1: Patient is VS positive on HEA Condition 2: Patient has antibody against C, c, E or e antigens, AND is positive for the corresponding antigen by serological and/or molecular method	RHCE variant antigen (ordering mnemonic - RHCE)
Type and Screen (TSCR) Type and Screen 30 (TSCR30) Type and Screen Prenatal (TSPN) Type and Screen, Predelivery (PREDEL) Type and Screen, Postdelivery (POSDEL) Indirect Antiglobulin Test (IAGT)	Condition 1: Patient is D-positive AND has anti-D Condition 2: Patient is D-positive AND 1. Variant alleles on RHCE testing OR 2. Pregnant or African-American patient with previous record of D-negative type.	RHD variant antigen (ordering mnemonic -RHD)
Type and Screen (TSCR) Type and Screen 30 (TSCR30) Type and Screen Prenatal (TSPN) Type and Screen, Predelivery (PREDEL) Type and Screen, Postdelivery (POSDEL) Indirect Antiglobulin Test (IAGT)	Patient is known to be pregnant and antibody screen is positive for antibody at risk for causing HDFN.	Antibody titer.
Type and Screen (TSCR) Type and Screen 30 (TSCR30) Type and Screen Prenatal (TSPN) Type and Screen, Predelivery (PREDEL) Type and Screen, Postdelivery (POSDEL) Indirect Antiglobulin Test (IAGT)	Screen is positive and: Patient has been transfused or is pregnant, or Antibody screen reactivity (pattern or strength) has changed significantly, or Enough time has passed per SOP to require a re-evaluation.	Antibody Identification (inclusive of panel, elution, adsorption, etc.)
Type and Screen (TSCR) Type and Screen 30 (TSCR30) Type and Screen Prenatal (TSPN) Type and Screen, Predelivery (PREDEL) Type and Screen, Postdelivery (POSDEL) Indirect Anti-globulin Test (IAGT)	Condition 1: Patient has sickle cell anemia AND 1. Any Rh antibody, OR 2. Discrepancy between serological and molecular Rh typing, OR 3. VS positive on HEA typing Condition 2: Patient has "Possible rds." result on HEA typing	RHD variant antigen (ordering mnemonic -RHD) and RHCE variant antigen (ordering mnemonic - RHCE)