

REFLEX TESTING LIST
March 2012

Test	Condition(s)	Reflex Test(s)	Effective Date
Aeromonas/Plesiomonas Culture	Positive findings	Organism ID & Susceptibility	April 2011
*AFB Culture and Stain	Positive findings	Organism ID & Susceptibility	Nov. 1999
*AFB Culture Only	Positive findings	Organism ID & Susceptibility	Nov. 1999
AFB Stain	Positive findings	PCR testing to determine if Mycobacteria tuberculosis complex vs. nontuberculosis Mycobacteria	July 2010
AFP – Amniotic Fluid	Abnormal AFP	Acetylcholinesterase and Fetal Hemoglobin	July 1998
ANA Panel 1	Positive ANA	ANA Titer and Pattern (IFA), DNA, ENA Antibody Panel (RNP, SSA, SSB, Centromere, Jo1, Ribosomal RNP, Smith, Scleroderma IgG and Histone Antibodies) DNA Positive: Crithidia will be performed	March 2002
ANA Panel 2	Positive ANA	ANA Titer	Nov. 1999
ANA Panel 3	Positive ANA	DNA and ENA Antibody Panel (RNP, SSA, SSB, Centromere, Jo1, Ribosomal RNP, Smith, Scleroderma IgG and Histone Antibodies) DNA Positive: Crithidia will be performed	March 2002
*Anaerobe Culture and Stain	Positive findings	Organism ID	Nov. 1999
Anti Platelet Factor 4 Antibody	OD \geq 0.400	Platelet Antibody / Heparin	July 2002
*Blood Culture	Positive findings	Organism ID & Susceptibility	Nov. 1999
Blood Culture	Positive for gram-positive cocci in clusters	<i>Staphylococcus aureus</i> FISH	Nov 2007
Blood Culture	Yeast	Yeast FISH	Nov 2008
*Blood Culture, Special	Positive findings	Organism ID & Susceptibility	Nov. 1999
*Campylobacter Culture	Positive findings	Organism ID	Nov. 1999
*Complete Blood Count	WBC \geq 20.0 KuL or WBC \leq 2.0 KuL or Platelet counts \geq 1,000 KuL	Differential	Nov. 1999
Complete Blood Count (BECBC)	At Beachwood Family Health Center: When %	CBC with Differential (performed on Main Campus)	Jan. 2009

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	granulocytes = "****" (unable to calculate)		
Cryoglobulin with Identification	Cryoglobulin > 500 micrograms/mL	Cryoglobulin Identification	Nov. 1999
*CSF Culture and Stain	Positive findings	Organism ID & Susceptibility	Nov. 1999
Cystic Fibrosis Carrier Screen	If the R117H mutation is detected	Cystic Fibrosis Poly (T) Variant	Jan. 2004
DNA Antibody with Confirmation	DNA > 74 IU/mL	Crithidia Lucillae	Nov. 1999
Endomysial Antibody	Positive findings	Titer	May 2003
FISH for HER2 Amplification	CEP17 mean \geq 3.0	Reflex FISH for HER2 Amplification (D17S122)	February 2011
FISH for HER2	If HER2 is equivocal	HER2(4B5) by Immunohistochemistry	July 2007
FISH for Plasma Cell Myeloma	If IGH break-apart is positive	FISH for t(11;14), t(4;14), and t(14;16)	January 2012
*Fungal Blood Culture	Positive findings	Organism ID & Susceptibility	Nov. 1999
*Fungal CSF Culture/CAD	Positive findings	Organism ID	Nov. 1999
*Fungal Culture	Positive findings	Organism ID	Nov. 1999
*Fungus Screen	Positive findings	Organism ID	Nov. 1999
Gram Stain	Beaded, gram-positive filamentous and branching bacteria are present	Partial acid-fast stain and <i>Nocardia</i> culture, unless these have already been ordered.	April 2009
Hb Screen by HPLC	Abnormal hemoglobin or abnormal distribution of hemoglobin	Alkaline Electrophoresis , Acid Agar, sickle solubility, Acid Globin Chains, Unstable Hgb, Hb H, Professional Interpretation	May, 2009
Helicobacter pylori Culture	Positive findings	Organism ID	Aug. 2011
Hepatitis B Surface Antigen	Positive findings	Hepatitis B Surface Antigen confirmation	Sept 2003
Hepatitis C Antibody EIA	Positive findings	Qualitative Hepatitis C RNA	Sept 2003
HER2 (4B5) by IHC for GI cases	Equivocal	FISH for HER2	August 2011
Herpes Type Culture	Presumptive positive	Immunofluorescence stain	April 2001
*HIV-1/2 Antibody EIA	Positive screen If the HIV-1 Western Blot	HIV-1 Western Blot	Dec. 2004

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	negative or indeterminate		
*HIV Screen for Post Exposure EIA	Positive screen If the HIV-1 Western Blot negative or indeterminate	HIV-1 Western Blot	April 2002, Modified January 2006
HLA-B27	Indeterminant	HLA-B27 PCR	March 2010
Insulin and Insulin Antibody	Positive Insulin Antibody	Free & Total Insulin	Nov. 1999
Lamellar Body Count	LBC = 15,000 – 40, 000	L/S Ratio with Phosphatidyl Glycerol (PG)	Oct 2011
*Legionella Culture and PCR	Positive findings	Organism ID	Nov. 1999
*Legionella Culture	Positive findings	Organism ID	Nov. 1999
*Lipid Panel, Basic	Triglyceride > 400	Direct LDL	Nov. 1999
*Miscellaneous Culture	Positive findings	Organism ID & Susceptibility	Nov. 1999
*Miscellaneous Culture and Stain	Positive findings	Organism ID & Susceptibility	Nov. 1999
*Miscellaneous GC Screen	Positive findings	Organism ID	Nov. 1999
*Miscellaneous Screen	Positive findings	Organism ID & Susceptibility	Nov. 1999
Mitochondrial Antibody Screen	Positive Findings	Titer	Feb. 2000
*Mycoplasma hominis Culture	Positive findings	Organism ID	Nov. 1999
Neutrophil Cytoplasmic Antibody	Positive or questionable P or C ANCA by IFA	C-ANCA and P-ANCA by EIA	Oct, 2011
*Nocardia Culture Only	Positive findings	Organism ID	Nov. 1999
*Nocardia Culture and Stain	Positive findings	Organism ID	Nov. 1999
Orthopedic Implant Culture	Positive findings	Organism ID & Susceptibility	Nov. 2010
Parainfluenzae 1, 2, 3 Culture	Presumptive positive	Immunofluorescence stain	April 2001
Parietal Cell Antibody	Positive findings	Titer	Feb. 2000
Protein Electrophoresis, Serum, with IFE	If M protein is identified	Monoclonal protein analysis by IFE (Immunofixation Electrophoresis)	July 2002
Protein Electrophoresis, Urine, with IFE	If M protein is identified	Monoclonal protein analysis by IFE (Immunofixation Electrophoresis)	July 2002

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*Respiratory Culture and Stain	Positive findings	Organism ID & Susceptibility	Nov. 1999
*Respiratory Culture	Positive findings	Organism ID & Susceptibility	Nov. 1999
*Respiratory Culture Screen	Positive findings	Organism ID & Susceptibility	Nov. 1999
*Respiratory Culture, Special	Positive findings	Organism ID & Susceptibility	Nov. 1999
*Respiratory GC Screen	Positive findings	Organism ID	Nov. 1999
RPR	Result of reactive	RPR Quantitative	June 2002
RPR with Titer (RPRT)	Result of reactive	RPR Quantitative	Nov 2009
*Sickle Cell Preparation	Positive findings	Hb Screen by HPLC, Cellulose Acetate Screen and Acid Agar	Nov. 1999 May 2009
Smooth Muscle Antibody	Positive findings	Titer	Feb. 2000
*Stool Culture	Positive findings	Organism ID & Susceptibility	Nov. 1999
Syphilis IgG with Confirmation	Reactive findings	RPR with titer, if RPRT is nonreactive, FTA Antibody test.	Dec 2010
*Throat Culture, Routine	Positive findings	Organism ID	Nov. 1999
*Tissue Culture and Stain	Positive findings	Organism ID & Susceptibility	Nov. 1999
Type and Screen Type and Screen and SCR (30D) Type and Screen, Prenatal Type and Screen, Predelivery ABO/RH Indirect Antiglobulin Test	When certain clinical conditions are met: Conditions: <ul style="list-style-type: none"> • 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 	Human Erythrocyte Antigen	Nov 2011

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	antiglobulin test or recent transfusion <ul style="list-style-type: none"> • 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 		
<i>Ureaplasma</i> sp. Culture	Positive findings	Organism ID	Feb 2008
*Urinalysis Only	Positive dipstick for hemoglobin/blood, leukocyte esterase and/or protein	Microscopic	Nov. 1999
*Urine Culture	Positive findings	Organism ID & Susceptibility	Nov. 1999
*Urine Culture/Special	Positive findings	Organism ID & Susceptibility	Nov. 1999
Vibrio Culture	Positive findings	Organism ID & Susceptibility	April 2011
Yersinia Culture	Positive findings	Organism ID & Susceptibility	April 2011

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The following panels contain tests that, under certain conditions, may result in an order for an additional test(s) placed by and at the discretion of the Clinical Pathologist.

Test
Flow Cytometric Immunophenotyping (Acute Leukemia Markers)
Immunoglobulin Gene Rearrangement (PCR) Biomed2
T-cell receptor gene rearrangement (PCR) Biomed 2
Hemoglobin Screen by HPLC
Hypercoagulation Diagnostic Interpretive Panel
Fibrinolysis Diagnostic Interpretive Panel
Von Willebrand Diagnostic Interpretive Panel
Lupus Anticoagulant Diagnostic Interpretive Panel
Prothrombin Time Elevation Diagnostic Panel
PTT Elevation Diagnostic Panel
Prothrombin Time and PTT Elevation Diagnostic Panel
Normal Prothrombin Time and PTT Bleeding Panel
Flow Cytometric Immunophenotyping (Low Grade Leukemia/Lymphoma markers)
Flow Cytometric Immunophenotyping (Lymphoma, Tissue)
Flow Cytometric Immunophenotyping (Individual Markers)
Flow Cytometric Immunophenotyping (TdT)
Flow Cytometric Immunophenotyping (Surface/Cytoplasmic IgM)
Flow Cytometric Immunophenotyping (TCR V-beta)