

Reflex Testing List

February 2010

Test	Condition(s)	Reflex Test(s)	Effective Date
*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 > 0.400	Platelet Antibody / Heparin	July 2002
*Blood Culture	Positive findings	Organism ID & Susceptibility	Nov. 1999
*Blood Culture, Special	Positive findings	Organism ID & Susceptibility	Nov. 1999
*Campylobacter Culture	Positive findings	Organism ID	Nov. 1999
*Complete Blood Count	WBC > 20.0 KuL or WBC < 2.0 KuL or Platelet counts > 1,000 KuL	Differential	Nov. 1999
Complete Blood Count (BECBC)	At Beachwood Family Health Center: When % granulocytes = “****” (unable to calculate)	CBC with Differential (performed on Main Campus)	Jan. 2009
Cryoglobulin with Identification	Cryo > 500 µg/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
Enterovirus Culture	Presumptive positive	Immunofluorescence stain	April 2001
FISH for c-MYC (8q24)	If C-MYC BA is positive	FISH for t(8;14) (q24;q32)	Nov. 2004
FISH for RARA	If RARA BA is positive	FISH for 15;17 Translocation	Nov. 2004
FISH for HER2	If HER2 is equivocal	HER2(4B5) by Immunohistochemistry	July 2007
FISH for HER2 Amplification	CEP17 Mean > 3.0	Reflex FISH for HER2 Amplification (D17S122)	Feb. 2011
*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

* Reflex testing is standard practice.

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*Fungus Screen	Positive findings	Organism ID	Nov. 1999
Gram Stain	Beaded, gram-positive filamentous and branching bacteria are present	Partial acid-fast stain and Nocardia 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
*Hemoglobin Elect Screen	Abnormal hemoglobin or abnormal distribution of hemoglobin	Acid Agar and sickle solubility or HbF or HbA2, Quant. Globin Chains, Unstable Hgb, HgH	Nov. 1999
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
Herpes Type Culture	Presumptive positive	Immunofluorescence stain	April 2001
*HIV-1/2 Antibody EIA	Positive screen If the HIV-1 Western Blot negative or indeterminate	HIV-1 Western Blot HIV-2 Western Blot	Dec. 2004
*HIV Screen for Post Exposure EIA	Positive screen If the HIV-1 Western Blot negative or indeterminate	HIV-1 Western Blot HIV-2 Western Blot	April 2002, Modified January 2006
HLA-B27	Indeterminant	HLA-B27 PCR	March 2010
*HTLV I/II Antibody	Positive screen	HTLV I/II Western Blot	Nov. 1999
Insulin and Insulin Antibody	Positive Insulin Antibody	Free & Total Insulin	Nov. 1999
Lamellar Body Count	LBC = 12K to 35K	L/S Ratio with Phosphatidyl Glycerol (PG)	Nov. 2000
*Legionella Culture and DFA	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
*Nocardia Culture Only	Positive findings	Organism ID	Nov. 1999
*Nocardia Culture and Stain	Positive findings	Organism ID	Nov. 1999
Parainfluenzae 1, 2, 3 Culture	Presumptive positive	Immunofluorescence stain	April 2001
Parietal Cell Ab	Positive findings	Titer	Feb. 2000
Protein Electrophoresis, Serum, with IFE	If M protein is identified	Monoclonal protein analysis by IFE (Immunofixation Electrophoresis)	July 2002



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Protein Electrophoresis, Urine, with IFE	If M protein is identified	Monoclonal protein analysis by IFE (Immunofixation Electrophoresis)	July 2002
*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	Cellulose Acetate Screen and Acid Agar Electrophoresis	Nov. 1999
Smooth Muscle Antibody	Positive findings	Titer	Feb. 2000
*Stool Culture	Positive findings	Organism ID & Susceptibility	Nov. 1999
*Stool Culture, Special	Positive findings	Organism ID & Susceptibility	Nov. 1999
Syphilis IgG with Confirmation	Reactive findings	RPR with titer, if RPRT is nonreactive, FTA Antibody test	Dec. 2011
*Throat Culture, Routine	Positive findings	Organism ID	Nov. 1999
*Tissue Culture and Stain	Positive findings	Organism ID & Susceptibility	Nov. 1999
Ureaplasma sp. Culture	Reactive 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

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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
Acute Leukemia Markers
Low Grade Lymphoma/Leukemia Markers
IgH Gene Rearrangement by PCR
T-gamma by PCR
Hemoglobin Electrophoresis Screen
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 for Leukemia/Lymphoma
Flow Cytometric Immunophenotyping for Lymphoma, Tissue