

Test Ordered	Initial Test Performed	Criteria for Reflex	Tests Ordered by Reflex, as applicable
Blood Bank			
Prepare RBCs for Transfusion (aka Crossmatch)	N/A	No Antibody Screen ordered	Antibody Screen
Direct Antiglobulin Test (DAT)	Polyspecific DAT	Positive polyspecific DAT	IgG DAT, C3 DAT
Fetal Cell Screen	Fetal Cell Screen	Positive	Fetal Hemoglobin
Rh Type	Rh Type	Rh-negative mother with Rh - positive or Rh-unknown baby	Type and Screen and/or Rh Immunoglobulin
Type and Screen	ABO, Rh, Antibody Screen	Positive antibody screen	Antibody identification
		No historical ABO type	ABO Group (retype)
Chemistry/Immunoa	issay		
Celiac Disease Reflex Panel	IgA	IgA 10 mg/dL or greater IgA less than 10 mg/dL	Tissue Transglutaminase IgA Ab and Deaminated Gliadin Peptide IgA Ab Tissue Transglutaminase IgG Ab and Deaminated Gliadin Peptide IgG Ab
Flow Cytometry			
Anti-CD20 Therapy Monitor	CD20 Panel and Complete Blood Count (CBC) with differential (DIFF).	Requires the Absolute Lymphocyte Count from a CBC and differential.	CBC with Diff is automatically ordered and performed. Manual differential is ordered and performed when autodiff fails.
CD4 Helper T Cells	CD4 Panel and Complete Blood Count (CBC) with differential (DIFF).	Requires the Absolute Lymphocyte Count from a CBC and differential.	CBC with Diff is automatically ordered and performed. Manual differential is ordered and performed when autodiff fails.
T Cell Panel	T Cell Panel and Complete Blood Count (CBC) with differential (DIFF).	Requires the Absolute Lymphocyte Count from a CBC and differential.	CBC with Diff is automatically ordered and performed. Manual differential is ordered and performed when autodiff fails.
T and B Cell Panel	T and B Cell Panel and Complete Blood Count (CBC) with differential (DIFF).	Requires the Absolute Lymphocyte Count from a CBC and differential.	CBC with Diff is automatically ordered and performed. Manual differential is ordered and performed when autodiff fails.
Lymphocyte Enumeration of TBNK	TBNK Panel and Complete Blood Count (CBC) with differential (DIFF).	Requires the Absolute Lymphocyte Count from a CBC and differential.	CBC with Diff is automatically ordered and performed. Manual differential is ordered and performed when autodiff fails.
Hematology and Coa			
Heparin Induced Antibody (HIT) Reflex	HIT	Positive	Serotonin Release Assay
Russell Viper Venom Time Test (RVVT) CBC/Plt/Autodiff	RVVT CBC/Plt/Autodiff	Abnormal RVV Test (screen) or ratio Autodiff fails	RVVTCONF CBC, no autodiff
Fetal Lung Maturity (Lamellar	Lamellar Body Count	Intermediate Result	LS Ratio with PG Profile
Body Count)			

years	females under 45 Confirmation by neutralization
years	females under 45 Confirmation by neutralization
	na pallidum Ab result Rapid Plasma Reagin (RPR). re or Equivocal If RPR is reactive, RPR titer
Treponema pallidum Ab with Treponema pallidum Ab Reactive reflex	Rapid Plasma Reagin (RPR). If RPR is reactive, RPR titer
Microbiology	
AFB Culture AFB Culture Positive c	Identification, AFB Probe; Identification, aerobe; Identification, anaerobe; Identification, mold; Identification, Mycobacteria/ AFB; Identification, yeast; Sensitivity (per drug); Concentration; Confirmatory stains; Tissue homogenization
Blood Culture Blood Culture Positive c	Identification, aerobe; Identification, anaerobe; Identification, enzyme detection; Identification, mold; Identification, Mycobacteria/ AFB; Identification, yeast; Sensitivity; Culture typing; per antiserum
CMV Genotype CMV PCR Qualitative, CMV CMV PCR PCR Quantitative copies/ml	R greater than 2000 CMV Genotype -
Fungus Culture (source other other than skin, hair or nails) Fungus Culture (source other Positive control other than skin, hair or nails) Fungus Culture (source other Positive control other than skin, hair or nails)	Identification, anaerobe; Identification, mold; Identification, Mycobacteria/ AFB; Identification, nucleic acid probe Identification, yeast; Sensitivity, yeast; Tissue homogenization
Fungus Culture, Fungus Culture, Positive c Skin/Hair/ Nails Skin/Hair/ Nails	ldentification, aerobe; Identification, anaerobe; Identification, mold; Identification, Mycobacteria/ AFB; Identification, yeast; Tissue homogenization
IU/mL	R greater than 1000 Hepatitis C Genotype
copies/ml	
HIV 1/2 Antibody-Antigen HIV 1/2 Antibody-Antigen Positive s Screen Screen	creen Confirmation & HIV-1/2 Differentiation

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Test Ordered Ova & Parasites Complete	Initial Test Performed If clinical criteria not met, Giardia Antigen and Cryptosporidium Antigen will be substituted.	Criteria for Reflex Clinical criteria for Complete O & P are not met (refer to Test Catalog).	Tests Ordered by Reflex, as applicable Giardia antigen; Cryptosporidium antigen; Cryptosporidium Stain; Trichrome Stain; Concentration
Rapid Respiratory Viral Culture	Rapid Respiratory Viral Culture	Positive	Identification, RSV Identification, Inf A Identification, Inf B Identification, Para 1 Identification, Para 2 Identification, Para 3 Identification, Adeno Identification, CMV Identification, HSV
Rapid Streptococcal A	Rapid Streptococcal A	Negative	Throat Culture, Group A Strep
Antigen Routine Bacterial Culture (on source other than blood, urine, or stool)	Antigen Routine Bacterial Culture	Positive culture	only Identification, aerobe; Identification, anaerobe; Identification, enzyme detection; Identification, mold; Identification, Mycobacteria/ AFB; Identification, yeast; Sensitivity; Gram Stain; Anaerobic culture; Tissue homogenization
GI PCR PANEL PLUS	Aeromonas Culture	None	None
	GI PCR PANEL	Positive Salmonella Positive Shigella/EIEC Positive for Vibrio or Vibrio	Salmonella Culture Shigella Culture State Health Confirmation
Urine Culture	Urine Culture	Positive culture	Identification, urine organism; Identification, aerobe; Identification, anaerobe; Identification, enzyme detection; Identification, mold; Identification, Mycobacteria/ AFB; Identification, yeast; Sensitivity
Viral Culture	Viral Culture	Positive	Identification, RSV Identification, Inf A Identification, Inf B Identification, Para 1 Identification, Para 2 Identification, Para 3 Identification, Adeno Identification, CMV Identification, HSV
Viral Culture - CSF	Viral Culture - CSF	Positive	Identification, HSV Identification, CMV

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Test Ordered	Initial Test Performed	Criteria for Reflex	Tests Ordered by Reflex, as applicable
Sendouts			
ACHR Binding/Blocking w/Reflex Modulate	ACHR Binding, ACHR Blocking	Acetylcholine Receptor Binding AB greater than 0.4 nmol/L or Acetylcholine Receptor Blocking AB greater than 15%	Acetlycholine Receptor Modulating AB
ANA w/ reflex to titer & ANA Group	ANA, Anti-Centromere	Positive ANA	Titer, Anti-Sm, Anti-RNP, Anti-SSA, Anti-SSB, Anti-DNA
ANCA with reflex to titer	c-ANCA p-ANCA	Positive Positive	c-ANCA titer p-ANCA titer
ANCA Positive with reflex to titer & MPOAB or PR3AB	c-ANCA p-ANCA	Positive Positive	Titer Titer and PR3 Ab or MPO Ab
Anti-Mitochondrial Antibody Arsenic Urine	Antimitochondrial Ab Arsenic Urine	Positive 35-2000 ug/L	AMA titer Arsenic Speciation
HTLV I/II EIA w/Reflex to WB	HTLV I/II Screen	Positive Screen	HTLV I/II Confirmation
Lyme Screen Ab w/Rflx to Western Blot	Lyme Screen	Positive screen	Lyme IgG WB and Lyme IgM WB
Meconium Drug Screen	Screen for nine drugs	Positive	Confirmation for positive drugs
NMDAR CSF IgG w/Reflex NMDAR IgG w/Reflex	NMDAR CSF IgG NMDAR IgG	Positive screen Positive screen	NMDAR CSF IgG Titer NMDAR IgG Titer
Paraneoplastic Ab Panel	See Test Catalog	Positives based on Mayo algorithm	As applicable: GAD65 Ab Assay, Paraneoplastic Autoantibody WBlot, CRMP-5- IgG Western Blot, ACh Receptor (Muscle) Modulating Ab, Amphiphysin Western Blot, NMO/AQP4-IgG CBA
Q-Fever IgG/IgM w/ Reflex Titer	Q-Fever Phase I IgG	Positive	Q-Fever I IgG Titer
	Q-Fever Phase II IgG Q-Fever Phase I IgM Q-Fever Phase II IgM	Positive Positive Positive	Q-Fever II IgG Titer Q-Fever I IgM Titer Q-Fever II IgM Titer
Reticulin AB IGA w/ Reflex	Reticulin AB IGA	Positive screen	Reticulin AB Titer
Streptozyme w/ Reflex to Titer	Streptozyme Antibody	Positive screen	Streptozyme Titer
Striated Muscle AB w/ Reflex	Striated Muscle AB	Positive screen	Striated Muscle Titer
VDRL CSF	VDRL CSF	Positive screen	VDRL Titer
Special Chemistry			
Hemoglobin Electrophoresis	Hemoglobin Electrophoresis	CBC not already performed within 7 days of Hgb Elect order. Patient has no previous testing at UCH Clinical Laboratory.	CBC
SPEP (Serum Protein Electrophoresis) with Reflex IFE	Protein Total, Serum/Plasma and SPEP	Monoclonal protein is suspected based on the SPEP result or a suggestive clinical scenario.	Immunofixation Electrophoresis, Serum (IFE S); Pathology Interpretation
UPEP (Urine Protein Electrophoresis) with Reflex IFE	Protein, timed urine and UPEP	Monoclonal protein is suspected based on the UPEP result or a suggestive clinical scenario.	Immunofixation Electrophoresis, Urine (IFE U); Pathology Interpretation

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Test Ordered	Initial Test Performed	Criteria for Reflex	Tests Ordered by Reflex, as applicable
Toxicology			
Drug Screen Panel as selected	Drug Screen Panel as selected	Positive for Barbiturates, Cocaine, Opiates or Phencyclidine.	Confirmation testing (as applicable to panel ordered).
Urinalysis			
Urinalysis, Reflex	Urinalysis Chemical	Any appearance other than "Clear", and/or Positive Protein, Blood, Nitrite, and/or Leukocyte esterase	Microscopic Examination

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