

Reflex Test Protocols

Test Ordered	Initial Test Performed	Criteria for Reflex	Tests Ordered by Reflex, as applicable
Blood Bank			
Cord Blood	ABO and Rh Type	Rh negative mother, or Group O mother with Group A, B or AB Infant, or maternal unexpected antibody	DAT IgG
		Rh negative	Weak D
Direct Antiglobulin Test (DAT)	Polyspecific DAT	Positive	IgG DAT, C3 DAT
		Positive for DAT and IgG DAT	Elution and antibody identification
Direct Antiglobulin Test (DAT), Neonatal	DAT IgG	Positive, age <15 days	Bilirubin, Cord Blood
		Positive with maternal unexpected antibody	Elution and antibody identification
Fetal Blood Screen	Fetal Blood Screen	Positive	DAT, Weak D, Fetal Hemoglobin (Kleihauer-Betke)
		Maternal DAT positive (Fetal Cell Screen invalid)	Fetal Hemoglobin (Kleihauer-Betke)
Type and Screen	ABO, Rh, Antibody Screen	Clinically significant antibody presence or previous history	Screen for antigen negative units and complete crossmatch 2 RBC units
Antibody Screen	Antibody Screen	Positive antibody screen	Antibody identification
Chemistry/Immunoassay			
Lipid Panel	Cholesterol, HDL, LDL calculated, Triglycerides	Calculated LDL is invalid	LDL Measured
TSH Reflex	Thyroid Stimulating Hormone (TSH) Ultrasensitive	TSH result is outside of normal reference interval	T4 (Thyroxine) Free
Hematology and Coagulation			
CBC with Autodiff	CBC with Autodiff	Autodiff fails	CBC No Autodiff
CBC with Manual Diff if Auto Fails	CBC with Autodiff	Autodiff fails	Manual Differential
CBC (with or without autodiff or manual differential)	Complete Blood Count (CBC), differential if ordered	Laboratory-defined criteria	Pathology Review
Physician Directed Path Review	Pathology Review and Complete Blood Count (CBC)	CBC must be ordered and performed concurrently.	CBC is automatically ordered and performed
Microbiology			
C. difficile PCR with Reflex Toxin EIA	C. diff PCR	C. diff PCR positive	C. diff toxin EIA
Toxicology			
Drugs of Abuse Screen w/ Reflex to Confirmation	Drugs of Abuse Screen	Positive	Confirmation testing
Urinalysis			
Urinalysis with Reflex to Microscopic Exam	Urinalysis, Chemical	Positive Protein, Blood, Nitrite, Bilirubin and/or Leukocyte esterase	Urinalysis Microscopic