

BAY AREA HOSPITAL REFLEX TESTING CRITERIA

ORDERED TEST	REFLEXED TEST
BLOOD BANK	
Antibody Screen	If positive, Antibody Identification and patient antigen typing are ordered. If in-patient or pre-op patient two (2) antigen screened RBCs are crossmatched.
Type and Crossmatch	If the patient has a past history of an antibody, an antibody ID and antigen typing of patient cells and units, as well as a 2 unit crossmatch, will be performed.
DAT- Direct Antigen Test	If autologous control or IgG Direct Antiglobulin Test is positive during the antibody identification, the Direct Antiglobulin (IgG and C3d) will be ordered and resulted.
Antibody Identification	If BAH blood bank is unable to specify antibody, then the specimen will be sent to the American Red Cross Laboratory in Portland for further workup.
OPI Order to Transfuse product	When the physician orders specific quantity and product to be transfused, lab will automatically order necessary tests required (ABO/Rh, ABS, etc.) Some of these tests are not always required when the patient is already banded.
Fetal Screen	If positive or invalid, a Kleihauer-Betke stain or Flow cytometry for fetal bleed to assess Rhig dosing to be performed.
If patient needs Rhig due to...	If patient needs Rhig due to miscarriage, abortion, bleeding, amniocentesis, etc. an antibody screen must be performed.
Pos ABS on pregnant OP	Antibody ID and titration (if indicated) will be performed.
OPOS and Any Rh Neg Mom's cord blood	Cord Panel (ABO/Rh, DAT) will automatically be performed. FBC to send cord blood specimens to the Blood Bank.
Irradiated Blood Products	Irradiated products may be used to fill an order for regular product for inventory control.
HEMATOLOGY/URINALYSIS	
Complete Blood Count with differential	Manual differential performed if indicated by flagging from instrument. Based on procedural criteria, abnormal smears may be sent for Pathologist Review reporting
Urine Screen, reflex to Microscopic Exam (CCMS/Foley specimens only; Patient must be >3 yrs old)	Urine dipstick only. A microscopic exam will reflex if: any turbidity present, or $\geq 1+$ LE, or Nit+, or >1+ protein, or \geq Trace Occult Blood;
Urinalysis w/microscopic, culture if indicated	Urinalysis specimens that meet procedural criteria [$\geq 1+$ leukocyte esterase and /or >5-10 WBC for adults or >5 WBC for children(>3 y.o. to <13 y.o.)] will be set up for Microbiology Culture.
Synovial Fluid Analysis/Reflex to Crystal Analysis if indicated	If crystals are seen on the synovial fluid analysis, the lab will automatically perform a crystal analysis and result/charge for the additional testing performed.
ED Pediatric patients < 3 yrs old	Always perform urine culture if UA sent to lab for testing.
CHEMISTRY	
Rapid Drug Screens collected with Chain of Custody	If screen positive (except Acetaminophen & THC) specimen sent to Mayo Clinic Laboratories for confirmatory testing.
Serial Troponin Testing	Lab will automatically adjust draw time for subsequent troponin testing based on initial troponin test, to be 3 hrs after previous troponin (0, 3, 6 hours).
Hep C Antibody Positive	A positive result will be confirmed by HCV RNA test sent to reference laboratory.
MICROBIOLOGY	
Culture	<ul style="list-style-type: none"> • Any CSF, wound, sputum, or body fluid culture will automatically have a gram stain performed, reported, and charged. • Any culture that grows an appropriate pathogen will reflex to an identification with sensitivity. • Unusual findings in sensitivity patterns (i.e. vanc resistant Staph), as defined by the medical director, will be referred to a reference laboratory for confirmatory or more sensitive studies.
Culture, Aerobic & Anaerobic	Any body fluid (except CSF) or surgical tissue submitted for culture will automatically include an anaerobe culture that will be reported and charged.
Stool WBC=Fecal Lactoferrin	All requests for stool for WBC's will have a fecal lactoferrin (Leuko EZ) performed except for nursing infants.
Rapid Strep Screen	If negative, a Strep screen culture will be performed
Flu/RSV PCR	If a Flu PCR test is ordered and it is positive for RSV the test will be automatically added on and vice a versa.

Approval: 9/29/2021 by

Medical Executive Committee