Quarterly HOTLINE: Effective November 12, 2018

2012674 Human Immunodeficiency Virus (HIV) Combo Antigen/Antibody (HIV-1/O/2) by CIA, Reflexive Panel — HIV PANEL

Methodology: Qualitative Chemiluminescent Immunoassay/Qualitative Immunoassay/Quantitative Transcription-Mediated Amplification
Performed: Sun-Sat
Reported: 1-2 days

Specimen Required: Collect: Lavender (EDTA) or Pink (K_2EDTA).
Specimen Preparation: Separate from cells within 24 hours of collection. Transfer 3 mL plasma into an ARUP Standard Transport Tube. (Min: 2 mL) Remove particulate material. This test requires a dedicated transport tube submitted only for HIV testing.
Storage/Transport Temperature: Frozen.
Unacceptable Conditions: Serum. Heparinized or citrated plasma specimens. Plasma preparation tube. Specimens containing particulate material. Severely hemolyzed or heat-inactivated specimens.
Stability (collection to initiation of testing): After separation from cells: Ambient: Unacceptable; Refrigerated: 72 hours; Frozen: 3 months (avoid repeated freeze/thaw cycles)

Reference Interval:
Effective November 12, 2018

Test Number	Components	Reference Interval
	HIV 1,2 Combo Antigen/Antibody	Negative
2012669	Human Immunodeficiency Virus Types 1 and 2 (HIV-1/2) Antibody Differentiation, Supplemental, with Reflex to HIV-1 Quantitative NAAT, Plasma	

Test Number	Components	Reference Interval
	HIV-1 Antibody	Negative
	HIV-2 Antibody	Negative
3000867	Human Immunodeficiency Virus 1 (HIV-1) by Quantitative NAAT, Plasma	Not detected

Note: The fourth-generation screen test is for the simultaneous qualitative detection of Human Immunodeficiency Virus Type 1 (HIV-1) p24 antigen and antibodies to HIV Type 1 (HIV-1 groups M and O) and HIV Type 2 (HIV-2). Results of the screen cannot be used to distinguish between the presence of HIV-1 p24 antigen, HIV-1 antibody, or HIV-2 antibody.

If the HIV-1,2 Combo Antigen/Antibody screen is repeatedly reactive, then the HIV-1/2 Ab Differentiation Immunoassay will be performed. Additional charges apply. The HIV-1/2 Ab Differentiation Immunoassay confirms and discriminates between HIV-1 and HIV-2 antibodies. Results for each type are reported.

If the HIV-1/2 Ab Differentiation Immunoassay is Negative or Indeterminate, then the Human Immunodeficiency Virus 1 (HIV-1) by Quantitative NAAT, Plasma will be added. Additional charges apply.

This multi-test algorithm is recommended by the Centers for Disease Control and Prevention (CDC) and was adopted by the Clinical Laboratory Standards Institute (CLSI) for the diagnosis of HIV (refer to http://www.arupconsult.com/Topics/HIV.html).

Refer to the following tests for additional information regarding Performed or Reported times, Interpretive Data and Notes for the reflex tests of this panel: Human Immunodeficiency Virus Types 1 and 2 (HIV-1/2) Antibody Differentiation, Supplemental with Reflex to HIV-1 Quantitative NAAT, Plasma (ARUP test code 2012669); Human Immunodeficiency Virus 1 (HIV-1) by Quantitative NAAT, Plasma (ARUP test code 3000867).

HOTLINE NOTE: There is a reflexive pattern change associated with this test.
Add reflex to 3000867, HIV-1 by Quantitative NAAT, Plasma to reflexive orderable 2012669
Remove reflex to 0055598, HIV-1 by Quantitative PCR from reflexive orderable 2012669