Quarterly HOTLINE: Effective November 12, 2018

2012669 **Human Immunodeficiency Virus Types 1 and 2 (HIV-1/2) Antibody Differentiation, Supplemental, with Reflex to HIV-1 Quantitative NAAT, Plasma** **HIV AB DIF**

Methodology: Qualitative Immunoassay/Quantitative Transcription-Mediated Amplification

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 dedicated only for HIV testing. (Min: 1 mL) Remove particulate material.
Storage/Transport Temperature: Frozen.
Unacceptable Conditions: Serum. Heparinized or citrated plasma specimens. Specimens submitted in 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 Antibody	Negative
	HIV-2 Antibody	Negative
3000867	Human Immunodeficiency Virus 1 (HIV-1) by Quantitative NAAT, Plasma	Not detected

Note: For use only when patient has a repeatedly reactive third or fourth generation HIV screen test result. This test discriminates between HIV-1 and HIV-2 antibodies. Results for each type are reported. This test is for use as the antibody differentiation test in the specific multi-test algorithm. It is not to be ordered as a rapid screen test and cannot be used as a supplemental test if the initial screen test was a rapid test.

If the HIV-1/ 2 Antibody Differentiation Immunoassay is Negative or Indeterminate, then the Human Immunodeficiency Virus 1 (HIV-1) by Quantitative NAAT, Plasma, will be added. Additional charges apply. Refer to Human Immunodeficiency Virus 1 (HIV-1) by Quantitative NAAT, Plasma (ARUP test code 3000867) for additional information regarding Performed or Reported times, Interpretive Data and Notes for the reflex test.

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

HOTLINE NOTE: Remove information found in the Specimen Required Remarks field.
There is a reflexive pattern change associated with this test.
Add reflex to 3000867, HIV-1 by Quantitative NAAT, Plasma
Remove reflex to 0055598, HIV-1 by Quantitative PCR