

TEST CHANGE

Human Immunodeficiency Virus Types 1 and 2 (HIV-1/2) Antibody Differentiation, Supplemental

2013107, HIV AB SUP

Specimen Requirements:

Patient Preparation:

Collect: Lavender (EDTA) or pink (K2EDTA). Also acceptable: Serum separator tube (SST).

Specimen Preparation: Separate from cells ASAP or within 2 hours of collection. Transfer 1 mL serum or plasma into an ARUP standard transport tube dedicated only for HIV testing. (Min: 0.5 mL) Remove particulate material.

Transport Temperature: Frozen.

Unacceptable Conditions: Specimens containing particulate material. Severely hemolyzed or heat-inactivated specimens.

Remarks:

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 7 days; Frozen: ~~8 months~~ **Indefinitely** (avoid repeated freeze/thaw cycles)

Methodology: Qualitative Immunoassay

Performed: Varies

Reported: 1-2 days

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 multitest algorithm. If results are negative or indeterminate, this test does NOT reflex to a nucleic acid test. A multitest 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://arupconsult.com/content/human-immunodeficiency-virus>).

CPT Codes: 86701; 86702

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

This test should not be used for blood donor screening, associated reentry protocols, or for screening human cells, tissues, and cellular- and tissue-based products (HCT/P).

Reference Interval:

Test Number	Components	Reference Interval
	HIV-1 Antibody	Negative
	HIV-2 Antibody	Negative