
Lab Dept: Serology

Test Name: HIV-2 ANTIBODY (ANTI-HIV-2)

General Information

Lab Order Codes: HIV2

Synonyms: Anti-HIV-2

CPT Codes: 86702 – HIV-2 antibody
86689 – HIV-2 confirmation (if appropriate)

Test Includes: HIV-2 antibody reported as negative or reactive. Reactive specimens will be referred to Focus Technologies, Inc. for supplemental HIV-2 Immunoblot testing at an additional charge.

Note: Test is automatically a part of the HIV-1,2 Antibody Evaluation Reflex and does not need to be ordered separately if the Evaluation has been ordered. A direct order of this test should only be necessary for repeats and confirmations or when initial testing has been done elsewhere.

Logistics

Test Indications: Demonstration of infection by HIV-2 (when supplemented by HIV-2 Immunoblot).

Lab Testing Sections: Serology - Sendouts

Referred to: Mayo Medical Laboratories (MML Test: 86702)
Forward to Focus Technologies, Inc (if appropriate).

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 – 2 days

Note: If confirmatory testing is required, the turnaround time may be up to an additional 30 days.

Special Instructions: This test is not offered as a screening or confirmatory test for blood donor specimens. Refer to the Patient HIV Testing Algorithm (<http://www.mayomedicallaboratories.com/media/articles/algorithms/1227-hivsero.pdf>) for more information.

Specimen

Specimen Type:	Blood
Container:	Red top tube
Draw Volume:	3.6 mL (Minimum: 0.6 mL) blood
Processed Volume:	1.2 mL (Minimum: 0.2 mL) serum
Collection:	Red top tube
Special Processing:	Lab Staff: Centrifuge specimen within 24 hours of collection. Remove serum aliquot into a screw-capped round bottom plastic vial. Store and ship at frozen temperatures. Forward promptly.
Patient Preparation:	None
Sample Rejection:	Specimens other than serum, gross hemolysis, gross lipemia, grossly icteric; mislabeled or unlabeled specimens

Interpretive

Reference Range:	Negative (reported as negative or positive) The presence of HIV-2 antibodies is consistent with HIV-2 infection. All serum specimens that are repeated reactive by anti-HIV-2 (EIA) will be tested by the confirmatory test, HIV-2 Immunoblot, at Focus Technologies, Inc. for an additional charge. HIV-2 Immunoblot results are reported as either positive or negative. Negative anti-HIV-2 EIA results should be evaluated cautiously in patients with history of high-risk behaviors or presence of clinical symptoms.
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Critical Values:	N/A
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Limitations:	Test should be ordered only with informed consent from the patient. It is recommended that a second, freshly drawn blood specimen should be submitted to verify all results that are reactive by EIA and positive by immunoblot testing. Repeat testing is recommended at 3 – 6 months on specimens that are repeatedly reactive by EIA, but negative or indeterminate by immunoblot assay. A reactive HIV-2 test result, confirmed by immunoblot, should be reported accordingly by the healthcare provider to the State Department of Health as required by law in some states. Some serum specimens reactive for antibody to HIV-1 may react in the HIV-
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2 EIA due to cross-reactivity between the core and polymerase proteins of the 2 viruses.

Performance characteristics have not been established for specimens that are hemolyzed, or contain particulate matter.

Methodology:

Enzyme Immunoassay (EIA)
HIV-2 Immunoblot (if appropriate)

References:

[Mayo Medical Laboratories](#) October 2014

[Focus Technologies, Inc. Web Page](#) October 2014