



MEMORANDUM

DATE: 10-24-18

TO: NPL Clients

FROM: Rhonda Burgard, MT (ASCP), BB, MPA

RE: HIV Testing

Effective 11-12-18, ARUP Laboratories is discontinuing the Human Immunodeficiency Virus Types 1 and 2 (HIV-1, HIV-2) Antibodies by CIA with Reflex to HIV-1 Antibody Confirmation by Western Blot test. (NPL test code HIVAI, ARUP test code 2005377) NPL recommends Human Immunodeficiency Virus (HIV) Combo Antigen/Antibody (HIV-1/O/2) by CIA with Reflex to HIV-1 Antibody Confirmation by Western Blot test as the replacement test for (NPL test code remains **HIVAI**, ARUP test code 2006526)

The new HIVAI test is a fourth-generation screening test the simultaneous qualitative detection of Human Immunodeficiency Virus Type 1 (HIV-1) p24 antigen and antibodies to HIV Type 1 (HIV-1) 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. Repeatedly reactive HIV-1, 2 antigen/antibody screening results will reflex to Western Blot HIV-1 confirmation. Additional charges apply.

This test does not complete the 2014 CDC Recommended Algorithm for Laboratory Diagnosis of HIV Infection. The recommendation is to order further testing on a separate specimen for HIV-1 Nucleic Acid will be made for certain results. Preferred test is Human Immunodeficiency Virus (HIV) Combo Antigen/Antibody (HIV-1/O/2) by ELISA, Reflexive Panel (NPL test code **HIVCA**. ARUP test code 2012674) performed on EDTA plasma. 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.

Interfaced clients will need to modify the result code for test code HIVAI.

Component Test Code*	Component Chart Name	Specimen Requirement	CPT Code	LOINC
HIVAI	HIV 1,2 Combo Antigen/Antibody	1.5 mL serum 0.75 mL min. Refrigerated stability 1 wk.	87389 if reflexed add 86689	56888-1

If you have any questions or concerns or would like billing information please contact Northern Plains Client Services at 701-530-5700.