

HIV Ab/Ag Tests

	1 st generation IgG Ab	2 nd generation IgG Ab	3 rd generation IgM & IgG Ab	4 th generation IgM, IgG Ab, and p24 Ag
Lab-based testing	Enzyme Immunoassay (EIA), Immuno-fluorescent assay (IFA), GS HIV-1 Western Blot*, Cambridge Biotech HIV-1 Western Blot*	Multispot, Chembio DPP, Avioq HIV-1 Microelisa System*, MedMira Reveal G2 Rapid HIV-1*, Geenius	Bio-Rad GS HIV-1/2 Plus O, Siemens ADVIA Centaur, Enhanced Ortho Vitros	Bio-Rad GS Ag/Ab Combo, Siemens ADVIA Centaur Ag/Ab Combo, Abbott Architect Ag/Ab Combo, BioPlex 2200 HIV Ag/Ab
CLIA ⁺ -waived rapid testing		INSTI HIV-1/HIV-2 [^] , UniGold Recombigen [#] , Clearview STAT-PAK, Clearview COMPLETE, OraQuick ADVANCE Rapid	INSTI HIV-1/HIV-2 [^] , UniGold Recombigen [#]	Alere Determine Combo Ag/Ab Rapid Test

*Test for HIV-1 only; # 3rd generation test functioning as second generation test; [^]Test sometimes classified 2nd gen but does detect IgM; ⁺Clinical Laboratory Improvement Amendments of 1988 (CLIA)

http://www.cdc.gov/hiv/pdf/testing_Advantages&Disadvantages.pdf
<http://www.biolytical.com/articles/3>