

Together, **Monogram Biosciences and LabCorp** offer the leading HIV test menu for more complete care decisions

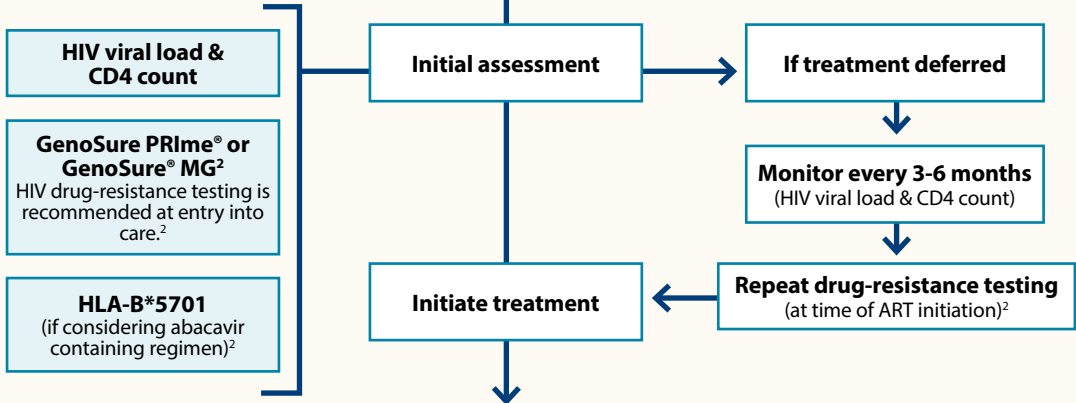
Laboratory tests to aid in the screening, evaluation, and management of HIV include

Screening Approach

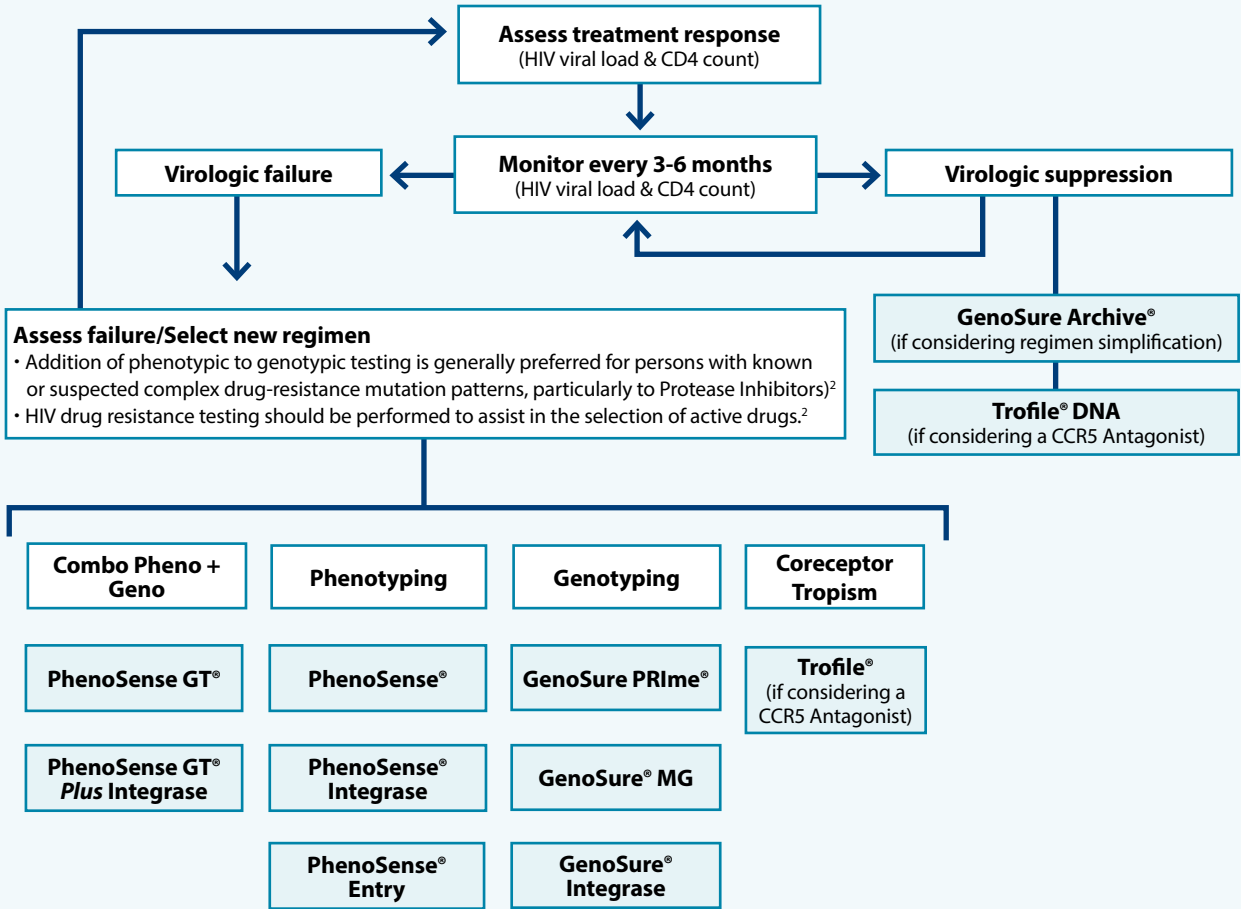
HIV 4th gen antigen/antibody¹
 All positive 4th gen results reflex to supplementary testing.
 Negative supplemental tests reflex to HIV-1 nucleic acid test.



Evaluation & Treatment Decision Options



Patient Management Options



Monogram Biosciences and LabCorp

offer the leading HIV test menu for more complete care decisions

LabCorp offers a comprehensive menu of HIV tests to aid in screening, diagnosis, prognosis, and monitoring of patients with human immunodeficiency virus (HIV).

Our portfolio of HIV tests includes the following tests that are represented in the diagram on the previous page.

For complete test options, visit our online Test Menu at www.LabCorp.com/testmenu.

Human Immunodeficiency Virus 1/0/2 (HIV-1/0/2) Antigen/Antibody (Fourth Generation) Preliminary Test With Cascade Reflex to Supplementary Testing - 083935

The CDC recommends routine HIV screening for all individuals between 13 and 64 years of age, with repeat annual screening for those at high risk. Routine HIV screening is also recommended for all pregnant women, regardless of risk status.³

- Combination assay (HIV-1, HIV-2 antibodies, and HIV-1 p24) that detects acute infection earlier.^{1,4}
- Allows identification of an HIV infection an estimated seven days sooner than third-generation assays.¹

Human Immunodeficiency Virus 1 (HIV-1), Quantitative, Real-time PCR (Graphical/Nongraphical) - 550420/550430

- Detect and quantitate HIV-1 in plasma
- Assay range: 20-10,000,000 copies/mL

HLA-B*57:01, Abacavir Hypersensitivity HLA Association Test - 006926

- Determine the presence of the B57 antigen.

Human Immunodeficiency Virus 1 (HIV-1), PhenoSense GT[®] (Monogram[®] Phenotype/Genotype) - 551690

- Determines viral phenotype and genotype resistance to antiretroviral drugs (NRTIs, NNRTI, and PIs)
- Viral replication capacity is included
- Preferred for persons with known or suspected complex drug resistance mutation patterns²

Human Immunodeficiency Virus 1 (HIV-1) PhenoSense GT[®] Plus Integrase (Monogram[®] Phenotype/Genotype) - 551920

- Determines viral phenotype and genotype resistance to antiviral drugs (NRTIs, NNRTIs, PIs, and INIs)
- Preferred for persons with known or suspected complex drug resistance mutation patterns²

Human Immunodeficiency Virus 1 (HIV-1) PhenoSense[®] (Monogram[®] Phenotype) - 551800

- Determines viral phenotype resistance to antiretroviral drugs (NRTIs, NNRTI, and PIs).
- Viral replication capacity is also included

Human Immunodeficiency Virus 1 (HIV-1) PhenoSense Integrase[®] (Monogram[®] Integrase Inhibitor Resistance) - 550230

- Determines viral phenotype resistance to integrase inhibitors
- Viral replication capacity is also included

Human Immunodeficiency Virus 1 (HIV-1) PhenoSense Entry[®] (Monogram[®] Fuzeon Resistance) - 550240

- Determines viral phenotype resistance to enfuvirtide

Human Immunodeficiency Virus 1 (HIV-1) GenoSure PRIme[®] - 551700

- Detect resistance in HIV-1 to antiretroviral drugs (NRTIs, NNRTIs, PIs, and INIs)
- Use for baseline, 1st and 2nd failures. Consider for use especially where concerns for INI resistance exist²

Human Immunodeficiency Virus 1 (HIV-1) GenoSure[®] MG Genotyping - 551697

- Detect resistance in HIV-1 to antiretroviral drugs (NRTIs, NNRTIs, and PIs)
- Use for baseline, 1st and 2nd failures²

Human Immunodeficiency Virus 1 (HIV-1) GenoSure[®] Integrase - 551871

- Detects resistance of HIV-1 to antiretroviral drugs only in the integrase class

Human Immunodeficiency Virus 1 (HIV-1) GenoSure ArchiveSM - 551776

- Identifies mutations in archived viral DNA associated with resistance to NRTIs, NNRTIs, PIs, and INIs
- Use when standard resistance testing cannot be performed due to inadequate plasma viral load

Human Immunodeficiency Virus 1 (HIV-1) Trofile[®] DNA (Monogram[®] Coreceptor Tropism), Whole blood - 829670

- Detect HIV-1 coreceptor tropism to determine eligibility for CCR5 antagonist therapy
- Use in patients with undetectable viral loads

Human Immunodeficiency Virus 1 (HIV-1) Trofile[®] (Monogram[®] Coreceptor Tropism) - 553100

- Detect HIV-1 coreceptor tropism to determine eligibility for CCR5 antagonist therapy
- Use when a CCR5 antagonist is being considered or when there is virologic failure while on a CCR5 antagonist-containing regimen²

References

1. Branson, BM, Owen SM, Wesolowski, LG et al. Centers for Disease Control and Prevention. Laboratory Testing for the Diagnosis of HIV Infection: Updated Recommendations. June 27, 2014.
2. Panel on Antiretroviral Guidelines for Adults and Adolescents. Guidelines for the use of antiretroviral agents in HIV-1-infected adults and adolescents. Department of Health and Human Services. May 2014.
3. CDC HIV screening guidelines. Available at: <http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5514a1.htm>
4. Bio-Rad Laboratories. GS HIV Combo Ag/Ab EIA. Redmond, Wash: Bio-Rad; 2011. Package insert. Available at: <http://www.fda.gov/downloads/BiologicsBloodVaccines/BloodBloodProducts/ApprovedProducts/PremarketApprovalsPMAs/UCM266211.pdf>.



www.LabCorp.com