



Public Health
Laboratory

SPECIMEN COLLECTION, TRANSPORTATION AND STORAGE

ROUTINE BLOOD TEST REQUESTS: HIV

Molecular Biology/Immunology/Surveillance Section

Test	Test to be Performed	CPT	Accepted Specimens (minimum volume)	Transport Temperature	Reference Range/ Normal Values	Comments	Turn around time
HIV-1 & 2 Antibody/p24 Antigen Combo Screen	HIV Combo EIA	87389	Whole Blood (red-top) or with serum separator: 2 ml; Centrifuge to separate serum if transport is delayed more than 2 days.	Room temperature or cold pack	Not detected	EIA for detection of antibody to HIV-1 and HIV-2 and p24 Antigen. All positive tests are repeated and are tested by a supplemental method before results are reported.	10 days
HIV-1 & 2 Geenius Supplemental Test	HIV Geenius	86701; 86702	Serum: 1ml; Freeze if transport is delayed more than 5 days.		Two Results: HIV-1 Negative HIV-2 Negative	For repeatedly positive EIA Combo to distinguish HIV-1 from HIV-2 infection	10 days
HIV-1 Qualitative NAAT	HIV-1 Qualitative	87535			Not detected	For EIA Combo positive/ Geenius negative samples to rule out recent HIV infections	10 days
HIV Viral Load; Quantitative	HIV-1 Viral Load	87536	Plasma from whole blood with EDTA anticoagulant plasma separator tube (PPT- purple/yellow top) 5ml minimum whole blood	Centrifuged Plasma separator tubes may be transported with cold pack within 3 days.	Not detected	Plasma separator tubes must be centrifuged within 2 hours of collection. Centrifuge at 2000 rpm for 20 minutes and store at 2-8°C for up to 3 days.	10 days