

Reporting Title: HIV-1 Genotypic PR-RT Resistance, P

Performing Location: Rochester

Ordering Guidance:

This test is intended for monitoring known HIV-positive infections. For primary detection of HIV infections, order HVCOP / HIV-1 and HIV-2 Antigen and Antibody Routine Screen, Plasma.

Shipping Instructions:

If shipment will be delayed for more than 24 hours, freeze plasma specimen at -70 degrees C (up to 35 days) until shipment on dry ice.

Specimen Requirements:

Collection Container/Tube: Lavender top (EDTA)

Submission Container/Tube: Plastic vial

Specimen Volume: 2.2 mL

Collection Instructions: Centrifuge and transfer plasma into plastic vial per collection tube manufacturer's instructions (eg, centrifuge and aliquot within 2 hours of collection for BD Vacutainer tubes)

Additional Information: Specimens submitted for HIV-1 genotyping should contain 500 copies/mL or more of HIV-1 RNA.

Specimen Type	Temperature	Time	Special Container
Plasma EDTA	Frozen (preferred)	35 days	ALIQUOT TUBE
	Refrigerated	5 days	ALIQUOT TUBE

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC
21411	Abacavir	Alphanumeric		30287-7
21406	Didanosine	Alphanumeric		30284-4
21408	Stavudine	Alphanumeric		30286-9
21530	Tenofovir	Alphanumeric		41396-3
21405	Zidovudine	Alphanumeric		30282-8
21414	Efavirenz	Alphanumeric		30291-9
31267	Etravirine	Alphanumeric		52749-9
21410	Nevirapine	Alphanumeric		30289-3
21400	Protease Mutations	Alphanumeric		33630-5
28076	Atazanavir + Ritonavir	Alphanumeric		49618-2
26784	Darunavir + Ritonavir	Alphanumeric		49630-7
26733	Fosamprenavir + Ritonavir	Alphanumeric		51409-1
26734	Indinavir + Ritonavir	Alphanumeric		49619-0
21532	Lopinavir + Ritonavir	Alphanumeric		42000-0
21416	Nelfinavir	Alphanumeric		30294-3
26735	Saquinavir + Ritonavir	Alphanumeric		49621-6
28201	Tipranavir + Ritonavir	Alphanumeric		49622-4
34917	Rilpivirine	Alphanumeric		68463-9

37216	HIV-1 Genotypic PR-RT Drug Resistance, P	Alphanumeric		34700-5
37263	Nucleos(t)ide RT mutations	Alphanumeric		45175-7
37285	Emtricitabine	Alphanumeric		41402-9
37284	Lamivudine	Alphanumeric		30283-6
37264	Nonnucleoside RT mutations	Alphanumeric		45176-5
604980	Doravirine	Alphanumeric		91897-9

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

87901

Reference Values:

Not applicable