Test Definition: GHIVR

HIV-1 Genotypic Drug Resistance Mutation Analysis, with Reflex to Phenotypic Drug Resistance Prediction, Plasma

Reporting Title: HIV-1 Geno Reflex to Pheno Predict
Performing Location: Rochester

Specimen Requirements:

Collection Container/Tube: Lavender top (EDTA)
Submission Container/Tube: Plastic vial
Specimen Volume: 2 mL
Collection Instructions:
1. Spin down and separate plasma from cells within 6 hours of collection.
2. Freeze plasma immediately and ship specimen frozen on dry ice.
3. If shipment will be delayed for >24 hours, freeze plasma at -70 degrees C (up to 35 days) until shipment on dry ice.
Additional Information:
1. This test is intended to be used to monitor known HIV-positive infections. It is not intended for primary detection of HIV infections.
2. Specimens submitted for HIV-1 genotyping should contain > or =1,000 copies/mL of HIV-1 RNA.

Specimen Type	Temperature	Time
Plasma EDTA	Frozen	35 days

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
82340	HIV-1 Genotypic Drug Resistance, P **Also used by tests: GHIV, GHIVS**	Alphanumeric		30554-0
21395	Reverse Transcriptase Mutations **Also used by tests: GHIV, GHIVS**	Alphanumeric		30554-0
21411	Abacavir **Also used by tests: GHIVS, GHIV**	Alphanumeric		30287-7
21406	Didanosine **Also used by tests: GHIVS, GHIV**	Alphanumeric		30284-4
21412	Lamivudine/Emtricitabine **Also used by tests: GHIV, GHIVS**	Alphanumeric		30283-6
21408	Stavudine **Also used by tests: GHIV, GHIVS**	Alphanumeric		30286-9

Result ID	Reporting Name	Type	Unit	LOINC®
21530	Tenofovir **Also used by tests: GHIVS, GHIV**	Alphanumeric		41396-3
21405	Zidovudine **Also used by tests: GHIV, GHIVS**	Alphanumeric		30282-8
21414	Efavirenz **Also used by tests: GHIVS, GHIV**	Alphanumeric		30291-9
31267	Etravirine **Also used by tests: GHIVS, GHIV**	Alphanumeric		52749-9
21410	Nevirapine **Also used by tests: GHIVS, GHIV**	Alphanumeric		30289-3
34917	Rilpivirine **Also used by tests: GHIVS, GHIV**	Alphanumeric		68463-9
21400	Protease Mutations **Also used by tests: GHIVS, GHIV**	Alphanumeric		33630-5
23624	Atazanavir **Also used by tests: GHIVS, GHIV**	Alphanumeric		41403-7
28076	Atazanavir with Ritonavir **Also used by tests: GHIVS, GHIV**	Alphanumeric		49618-2
26784	Darunavir with Ritonavir **Also used by tests: GHIVS, GHIV**	Alphanumeric		49630-7
26732	Fosamprenavir **Also used by tests: GHIVS, GHIV**	Alphanumeric		43736-8
26733	Fosamprenavir with Ritonavir **Also used by tests: GHIVS, GHIV**	Alphanumeric		51409-1
21415	Indinavir **Also used by tests: GHIVS, GHIV**	Alphanumeric		30292-7
26734	Indinavir with Ritonavir **Also used by tests: GHIV, GHIVS**	Alphanumeric		49619-0
21532	Lopinavir with Ritonavir **Also used by tests: GHIVS, GHIV**	Alphanumeric		42000-0

Result ID	Reporting Name	Type	Unit	LOINC®
21416	Nelfinavir **Also used by tests: GHIV, GHIVS**	Alphanumeric		30294-3
26735	Saquinavir with Ritonavir **Also used by tests: GHIVS, GHIV**	Alphanumeric		49621-6
28201	Tipranavir with Ritonavir **Also used by tests: GHIVS, GHIV**	Alphanumeric		49622-4

CPT Code: 1 × 87901

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
VPHIV	HIV-1 Phenotypic Resist Prediction	1	87900	No	No

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
VPHIV	88781	HIV-1 Phenotypic Resist Prediction	Alphanumeric		In Process

Reference Values:

Not applicable