

## HIV GENOTYPING & DRUG RESISTANCE

HIV GENOTYPING & DRUG RESISTANCE (PCR, Sequencing)	Free text ( 1 line)
Genotype	Detected / Not detected
Antiretroviral Drug Resistance	Detected / Not detected
Drug Resistance	List attached

### Note:

1. No Genotype / Drug resistance detected if HIV Viral Load is <2000 copies /mL; HIV sequence divergence preventing amplification; Absence of HIV infection or Inhibition of PCR
2. This assay is not to be used as a screening or diagnostic test for the presence or absence of HIV infection.
3. Test conducted on plasma

### Comments

The ViroSeq™ HIV-1 Genotyping System is intended for use in detecting HIV genomic mutations that confer resistance to specific types of antiretroviral drugs, as an aid in monitoring and treating HIV infection. This assay detects drug resistance in HIV-1 Subtype B infection with a viral load ranging from 2,000 to 750,000 copies/mL. The assay sequences the entire HIV-1 protease gene from codons 1 to 99 and two-thirds of the reverse transcriptase (RT) gene from codons 1 to 335. The test may be used before initiating therapy or when rising viral loads suggest therapy failure.

This assay can detect resistance to the following drugs:

Nucleoside RT Inhibitors	Non-Nucleoside RT Inhibitors	Protease Inhibitors
EPIVIR®/lamivudine/3TC	INTELENCE™/etravirine/ETR	AGENERASE®/amprenavir/APV
EMTRIVA®/emtricitabine/FTC	RESCRIPTOR®/delavirdine/DLV	APTIVUS®/tipranavir/TPV
RETROVIR®/zidovudine/AZT	SUSTIVA®/efavirenz/EFV CRIXIVAN	CRIXIVAN®/indinavir/IDV
VIDEX®/didanosine/ddI	VIRAMUNE®/nevirapine/NVP	FORTOVASE®/INVIRASE®/saquinavir/SQV
VIREAD®/tenofovir/TDF		KALETRA®/lopinavir/ritonavir/LPV/r
ZERIT®/stavudine/d4T		LEXIVA®/fosamprenavir/FOS
ZIAGEN®/abacavir/ABC		PREZISTA®/darunavir/DRV
		REYATAZ®/atazanavir/ATV
		VIRACEPT®/nelfinavir/NFV