

GENOTYPIC HIV-1 RESISTANCE PROFILE

SAMPLE1

DRUG RESISTANCE INTERPRETATION

1) Resistance to Reverse transcriptase Inhibitors (RTI)

Resistance to Nucleoside / Nucleotide RTI (NRTI)

abacavir (ABC)	High-Level Resistance
zidovudine (AZT)	High-Level Resistance
stavudine (D4T)	High-Level Resistance
didanosine (DDI)	High-Level Resistance
emtricitabine (FTC)	Intermediate Resistance
lamivudine (LMV)	Intermediate Resistance
tenofovir disoproxil fumarate (TDF)	High-Level Resistance

Resistance to Non-Nucleoside RTI (NNRTI)

doravirine (DOR)	High-Level Resistance
efavirenz (EFV)	High-Level Resistance
etravirine (ETR)	Low-Level Resistance
nevirapine (NVP)	High-Level Resistance
rilpivirine (RPV)	Intermediate Resistance

2) Resistance to Protease Inhibitors (PI)

atazanavir (ATV)	Susceptible
darunavir (DRV)	Susceptible
fosamprenavir (FPV)	Susceptible
indinavir (IDV)	Susceptible
lopinavir (LPV)	Susceptible
nelfinavir (NFV)	Susceptible
saquinavir (SQV)	Susceptible
tipranavir (TPV)	Susceptible

3) Resistance to Integrase inhibitors (II)

Integrase mutations not detected