

Patient ID SA00160386	Patient Name HHM TESTING, HIVDR	Birth Date 1980-01-01	Sex M	Age 43
Order Number SA00160386	Client Order Number SA00160386	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 31 May 2023 00:00		

HIV-1 Genotypic Drug Resistance, P

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INTERP

Interpretation of results:

SUSC= Susceptible

PLR= Potential low-level resistance

LR= Low-level resistance

IR= Intermediate resistance

HR= High-level resistance

HIV-1 group M subtype

B

Nucleos(t)ide RT mutations

None

Reverse Transcriptase failed codons

None

Abacavir

SUSC

Didanosine

SUSC

Emtricitabine

SUSC

Lamivudine

SUSC

Stavudine

SUSC

SDL

Tenofovir

SUSC

Zidovudine

SUSC

Nonnucleoside RT mutations

K103N

Doravirine

SUSC

Efavirenz

PLR

Etravirine

LR

Nevirapine

IR

Rilpivirine

HR

Protease Mutations

None

Protease failed codons

None

SDL

SDL

SDL

SDL

SDL

SDL

SDL

SDL

SDL

SDL

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
SDL	Mayo Clinic Laboratories - Rochester Superior Drive	3050 Superior Drive NW, Rochester MN 55905	William G. Morice M.D. Ph.D.	24D1040592

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Atazanavir + Ritonavir	SDL	Bictegravir	SDL
SUSC		LR	
Darunavir + Ritonavir	SDL	Cabotegravir	SDL
SUSC		LR	
Fosamprenavir + Ritonavir	SDL	Dolutegravir	SDL
SUSC		HR	
Indinavir + Ritonavir	SDL	Elvitegravir	SDL
SUSC		LR	
Lopinavir + Ritonavir	SDL	Raltegravir	SDL
SUSC		SUSC	
Nelfinavir	SDL	HIV RNA level copies/mL <30 days =	SDL
SUSC		1,000 to 1,000,000	
Saquinavir + Ritonavir	SDL	ADDITIONAL INFORMATION	
SUSC		Testing was performed using the FDA-approved, targeted next-generation sequencing-based Sentosa SQ HIV-1 Genotyping Assay (Vela Operations Singapore Pte Ltd, Singapore), with the minimum variant detection frequency set at 5%. Actual ability to detect minor variants depends on viral load in the plasma specimen. Resistance interpretation was generated with the most current version of the Stanford University HIV Drug Resistance Database (https://hivdb.stanford.edu/page/algorithm-updates/). Results obtained by different sequencing assay methods should not be used interchangeably.	
Tipranavir + Ritonavir	SDL	Received: 01 Jun 2023 09:56	Reported: 01 Jun 2023 10:05
SUSC			
Integrase mutations	SDL		
M152V			
Integrase failed codons	SDL		
None			

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