

## Human Immunodeficiency Virus 1 (HIV-1) GenoSure® MG Genotyping

Order Name: **GenoSure MG**  
Test Number: 5194499  
Revision Date: 02/09/2023

TEST NAME	METHODOLOGY	LOINC CODE
Human Immunodeficiency Virus 1 (HIV-1) GenoSure® MG Genotyping	Polymerase Chain Reaction	

### SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	<b>5 mL</b>	<b>Plasma</b>	<b>EDTA (Lavender Top)</b>	<b>Frozen</b>
Instructions	<p><b>Specimen Type:</b> Lavender-top (EDTA) OR plasma preparation tube (PPT(TM))</p> <p><b>Specimen Storage:</b> FREEZE</p> <p><b>Specimen Collection:</b> Collect specimen in three lavender-top (EDTA) tubes or three PPT(TM) tubes. Do NOT use green-top (heparin) tubes. Centrifuge specimen within six hours of collection. Transfer plasma to one or more SCREW-CAP polypropylene transport tube(s). Snap-cap or pop-top tubes should be avoided and may result in specimen rejection. Immediately freeze specimen at -20(degrees) C. DO NOT PLACE SAMPLES ON DRY ICE UNTIL COMPLETELY FROZEN. Specimens collected in PPT(TM) need to be centrifuged within six hours and frozen. Ship specimens frozen. To avoid delays in turnaround time when requesting multiple tests on frozen samples, PLEASE SUBMIT SEPARATE FROZEN SPECIMENS FOR EACH TEST REQUESTED.</p> <p><b>Special Instructions:</b> A separate frozen specimen is required for each frozen test ordered.</p> <p><b>Specimen Stability:</b> Ambient: Not Available, Refrigerated : Not Available, Frozen: Not Available</p>			

### GENERAL INFORMATION

Expected TAT	9 - 15 days
Clinical Use	<p><b>Use:</b> Detect resistance in HIV-1 to antiretroviral drugs targeted at the reverse transcriptase (nucleoside and nonnucleoside inhibitors) and protease.</p> <p><b>Limitations:</b> This procedure may not be successful when the HIV viral load is &lt;500 copies/mL plasma. If there is insufficient virus to produce results, HIV-1 RNA quantitation will be performed to confirm viral load, and the procedure will be billed at the account's prevailing fee.</p>
Performing Labcorp Test Code	551697
Notes	<p>Labcorp Test Code: 551697</p> <p>Possible Reflex:</p> <p><b>Order Code:</b> <b>(5194504)</b> .Reflex HIV Qn RNA PCR</p> <p><b>Result Code:</b> <b>(5585385)</b> HIV 1 RNA IU</p> <p><b>Result Code:</b> <b>(5585380)</b> HIV 1 RNA Log</p>
CPT Code(s)	87900, 87901 (possible 87536 for Viral Load Confirmation)
Lab Section	Reference Lab