

Patient Information	Specimen Information	Client Information
<b>TEST, HIVCO</b>  <b>DOB: 01/01/1981    AGE: 31</b> Gender: M Phone: NG Patient ID: NG	Specimen: ST1_91299_1 Requisition: 1234567  Collected: 10/18/2012 / 12:00 PDT Received: 10/18/2012 / 14:40 PDT Reported: 10/18/2012 / 14:56 PDT	Client #: 97502840    1234567 COLMENAR, ANTONIO B TEST CLIENT (NAME) Attn: TEST DEPARTMENT 1201 S COLLEGEVILLE RD COLLEGEVILLE, PA 19426

**HIV 1 CORECEPTOR TROPISM, PROVIRAL DNA**

**Lab: EZ**

Test Name	Results	Reference Range
CXCR4 (X4)	DETECTED	
NET TROPISM ASSESSMENT	DM/X4	
MVC ACTIVITY ANTICIPATED	NO	

MVC: Maraviroc (Selzentry) DM: Dual-Mixed

A Net Tropism Assessment of "R5" indicates that only R5 virus was detected in this sample. A Net Tropism Assessment of "DM/X4" indicates that Dual-Mixed or X4 virus was detected in this sample.

This test utilizes PCR and DNA sequencing performed in triplicate to detect the presence of HIV-1 envelope V3 loop variants in proviral DNA associated with CXCR4 (X4) coreceptor utilization.

The use of CCR5 coreceptor antagonists to treat HIV-1 is not recommended for patients harboring X4-tropic virus.

This proviral DNA tropism test should be used in patients with undetectable HIV-1 viral RNA. Use the HIV-1 RNA Coreceptor Tropism test for patients with a detectable viral load.

This test was developed and its performance characteristics have been determined by Quest Diagnostics Nichols Institute, San Juan Capistrano. Performance characteristics refer to the analytical performance of the test.

**PERFORMING SITE:**

EZ    QUEST DIAGNOSTICS/SJC, 33608 ORTEGA HWY, SAN JUAN CAPISTRANO, CA 92675-2042 Laboratory Director: JON NAKAMOTO, MD PHD, CLIA: 05D0643352