

AccuSet[™] HIV-1 Group O Performance Panel

0800-0262 / Batch # 10655753

OVERVIEW

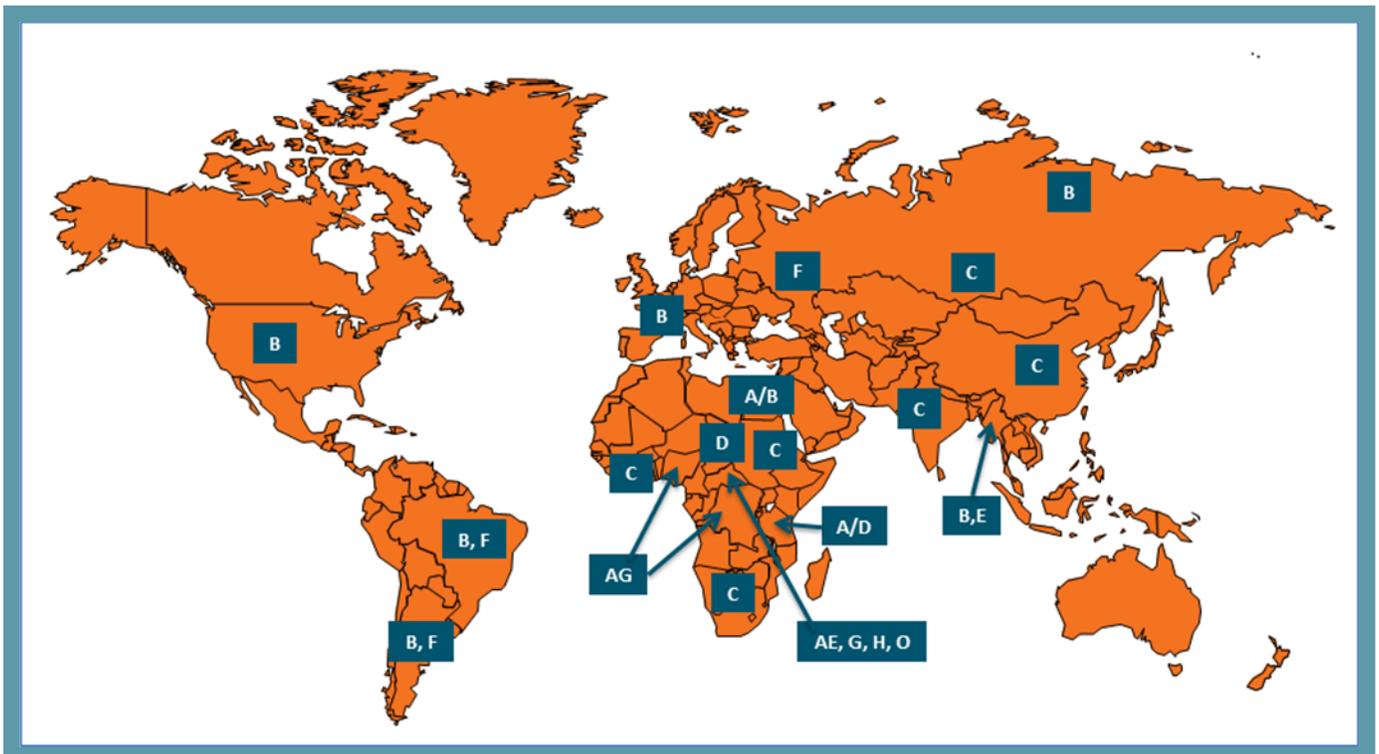
AccuSet[™] HIV-1 Group O Performance Panel 0800-0262 / Batch #10655753 is a 5-member validation panel of formulated human plasma samples representing unique HIV-1 group O isolates from Cameroon, USA, and Spain (1 vial per member, 1.2 mL per vial). Four panel members were prepared using AccuType[™] HIV-1 group O viral isolates diluted in defibrinated plasma (negative for anti-HIV-1/2, anti-HCV, HBsAg, and HIV-1 RNA). One non-reactive panel member (diluent only) is also included. Sodium azide (0.09%) was added as a preservative.

Test results from commercially-available HIV-1 RNA assays are included for characterization of the panel members.

For Research Use Only. Not for use in diagnostic procedures. Data are offered for informational purposes. LGC SeraCare Life Sciences does not claim that others can duplicate test results exactly.

CAUTION: Potentially infectious materials. Follow Universal Precautions. Some panel members were found positive for HIV; all were found negative for anti-HCV and HBsAg. This does not ensure the absence of these or other human pathogens.

Worldwide Distribution of HIV-1 Genotypes



Reference: Spira S, et al. Impact of clade diversity on HIV-1 virulence, antiretroviral drug sensitivity and drug resistance. *Journal of Antimicrobial Chemotherapy*; 2003;51:229-240. Illustration adapted from Figure 1 – Subtype diversity of HIV-1 infections prevalent worldwide.

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Panel Member Information

Panel Member ¹	Country of Origin	Isolate ID	Genotype
01	Cameroon	BCF06	O
02	Cameroon	BCF11	O
03	USA	I-2478B	O
04	Spain	I-2481	O
05	NA	NA	NA

¹Members 01 and 02 (viral isolates) originate from the NED Panel (NIH-ENVA-DOD), an international HIV-1 subtype reference panel. Reference: Huang D, et al. Sequence Characterization of the Protease and Partial Reverse Transcriptase Proteins of the NED Panel, an International HIV Type 1 Subtype Reference and Standards Panel. AIDS Research and Human Retroviruses 2003;19:321-328. Members 03 and 04 (viral isolates) were genotyped using PCR/sequencing methods at external reference laboratories. Member 05 is comprised of diluent only.
NA = Not Available

HIV-1 RNA

Panel Member	Roche COBAS® AmpliPrep/COBAS® TaqMan® HIV-1 Test, v 2.0 (copies/mL) ¹	Abbott Alinity m HIV-1 Assay (copies/mL) ¹
	01	6.05 x 10⁶
02	5.88 x 10⁶	1.66 x 10⁵
03	4.44 x 10⁵	3.26 x 10⁵
04	5.05 x 10⁴	2.30 x 10⁵
05	TND	TND
Test Date	15- Feb-2023	08-Mar-2023
Test Site	RL	RL
Kit Part Code	NA	NA
Kit Lot No.	J18938	381000
Kit Exp. Date	30-Nov-2023	06-Jul-2024

¹Results are reported as the mean result of duplicate testing; positive/reactive results are noted in bold red. TND = Target Not Detected; RL = Reference Lab; NA = Not Available

The package insert for this panel can be found at www.seracare.com.

A printed copy of the package insert or data sheet may be requested by email at CDx-Info@LGCGroup.com or by phone at 508.244.6400.