

## CERTIFICATE OF ANALYSIS

### EQAPOL Panel of Pseudotyped Viruses

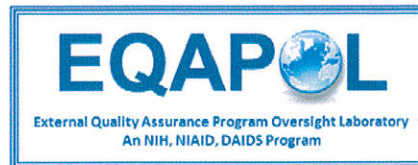
This panel consists of standardized Env-pseudoviruses. Material for generating the pseudoviruses was provided by the HIV Superinfection Working Group and Dr. David Montefiori from Duke University. The panel is available in 0.5 mL aliquots to interested sites. The table below describes the characterization data for each sample.

Virus Name	TCID/mL	RLU/20 $\mu$ l	p24 (pg/mL)	Subtype	GenBank
246F3-Q23	559	3,265	3.39E+04	AC	HM215279
25710-Q23	61,657	205,597	3.81E+04	C	EF117271
398F1-Q23	42,344	88,740	4.14E+04	A	HM215312
BG505.C2-Q23	61,657	183,089	2.29E+04	A	DQ208458
BJOX00200-Q23	69,877	202,122	3.12E+04	BC	HM215364
C.CON-Q23	3,225	92,305	9.26E+03	C consensus	DQ401075
CAP45-Q23	13,975	119,402	2.07E+04	C	DQ435682
CE0217-Q23	80,627	195,821	4.44E+04	C	FJ443575
CE1176-Q23	69,877	166,264	3.52E+04	C	FJ444437
CH119-Q23	69,877	140,987	3.74E+04	BC	EF117261
CNE55-Q23	50,564	190,098	3.86E+04	AE	HM215418
CNE8-Q23	42,344	28,754	3.51E+04	AE	HM215427
DQ435.100M.A4-Q23	13,975	115,740	4.27E+04	D	FJ866139
DU156.12-Q23	13,975	116,234	4.40E+04	C	DQ411852
JR-CSF-Q23	2,795	44,631	2.12E+04	B	AY669726
Q23 $\Delta$ env	-	-	-	-	AF004885
Q461.D1-Q23	13,975	67,997	2.39E+04	A	AF407155
Q842.D16-Q23	53,437	161,278	3.88E+04	A	AF407162
TRO11-Q23	69,877	168,812	2.95E+04	B	AY835445
X1632-Q23	69,877	200,677	4.14E+04	G	FJ817370
X2278-Q23	69,877	212,685	4.19E+04	B	FJ817366

**Samples Contributors:** David Montefiori, Feng Gao, Lynn Morris, Julie Overbaugh, Carolyn Williamson, John Moore, Ronald Swanstrom, Yiming Shao, Linqi Zhang, James Binley, Michael Thomson

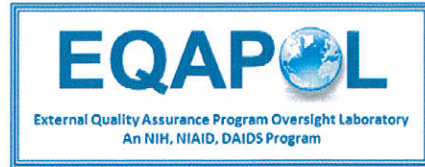
**References:**

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### Notes

All oral presentations or written publications concerning research utilizing EQAPOL samples should include the following acknowledgement: "This work has been supported in whole or part with federal funds from the National Institute of Allergy and Infectious Diseases, National Institutes of Health, Contract Number HHSN272201700061C." The provider(s) of source material should also be acknowledged in oral presentation and written publications.



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Date