

Seraseq™ HIV-1 Reference Materials

NGS-characterized, high-titer HIV-1 reference materials to validate the performance of HIV-1 assays

- Set of 12 high-titer viral isolates at 1×10^6 copies/mL (can be ordered individually)
- Cultured HIV-1 virus suspended in plasma-based matrix
- Designed for assays that determine HIV-1 subtype, drug resistance mutations or assign viral tropism
- Sequence confirmed by next-generation sequencing (Illumina® MiSeq® and Ion Torrent PGM™ platforms) by participants of the *Forum for Collaborative HIV Research*

Viral Isolate Collection

#	Item Number	Isolate ID	Subtype	Country	Tropism	Drug Resistance Mutations (>5%)
1	0740-0001	BK132	B	Thailand	X4	None
2	0740-0002	93/US/144	B	USA	R5	None
3	0740-0003	CM237	B	Thailand	X4	None
4	0740-0004	US1	B	USA	R5	None
5	0740-0005	93/US/143	B	USA	X4	None
6	0740-0006	93/US/141	B	USA	R5	PR: L10I RT: T215Y, K219Q
7	0740-0007	I-2496	A	Ghana	R5	None
8	0740-0008	CM235	CRF01	Thailand	R5	None
9	0740-0009	7388	B	USA	X4	RT: 41L / 67N 210W / 215Y / 184V / 69D / 44D / 118I
10	0740-0010	7384	B	USA	X4	RT: 41L / 67N / 70R / 215F / 219E / 69N
11	0740-0011	2529	B	USA	X4	RT: 74V, 41L, 106A, and 215Y
12	0740-0012	2808	B	USA	DM/X4	PR: V82F / L97V

To learn more about Seraseq™ HIV-1 Reference Materials, please visit www.seracare.com or call 800-676-1881.