



NIH AIDS Reagent Program

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DATA SHEET

Reagent: HIV-1 Consensus B Pol Peptide Pool

Catalog Number: 12438

Lot Number: 170295

Provided: 1 vial of lyophilized peptides.
The 249 peptides from cat#6208 were pooled together and then distributed such that each vial contains 50 µg of each peptide, 12.45 mg total peptide.

Description: A peptide pool comprising 249 individual peptides. Peptides are produced as 15mers with 11 aa overlap, spanning the HIV-1 Subtype B Consensus Pol protein.
Also available as a peptide set, see HIV-1 Subtype B Consensus Pol Peptide Set, cat# 6208.

Sequence: See attached file below
The HIV-1 Consensus B Pol reference sequence was obtained from the LANL HIV database (2002)

Purity: Peptides are >80% pure. Detailed purity information is available in the attached file below.

Solubility: Peptides that are difficult to solubilize can almost always be dissolved in DMSO. Once a peptide is in solution, the DMSO can be slowly diluted with aqueous medium. Care must be taken to ensure that the peptide does not begin to precipitate out of solution.
Please note: Cys and Met containing peptide sequences are highly unstable when stored in DMSO for prolonged periods of time; peptide decay is often observed within days to weeks. If DMSO is required, we recommend freshly-prepared working solutions from freeze dried aliquots of these peptides, and prepared pools.

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

Special Characteristics: [Click here for cat# 6208 \(set\) and cat# 12438 \(pool\) sequence, molecular weight, peptide content, and purity data](#)

[Click here for individual peptide analytical data.](#)

Recommended Storage: Keep at -20°C lyophilized and -80°C after reconstitution.

Contributor: NIAID, DAIDS

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 Con B Pol Peptide Pool from NIAID, DAIDS (cat# 12438)".

Last Updated: September 16, 2019

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