Reagent: HIV-1 Consensus B Env Peptide Pool

Catalog Number: 12540

Lot Number: 140347

Provided: 1 vial of lyophilized peptides

The 211 peptides from cat# 9480 peptide set were pooled together and then distributed such that each vial contains 50 µg of each peptide, 10.55 mg total peptide.

Description: A series of peptides comprising HIV-1 consensus B Env (March 26 2003). Peptides are produced as 15mers with 11 aa overlap. For the individual peptide (set) version of this reagent, please see catalog #9480.

Sequence: Please see the attached information.

Purity: Peptides are >80% pure. Many are >90% pure. Detailed purity is available in the attached information.

Solubility: Please see the attached information.

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.

Special Characteristics: Click here for cat #9480 (set) and #12540 (pool) sequence as well as solubility, molecular weight, and purity data

Click here for cat #9480 (set) and #12540 (pool) each peptide's analytical data
Recommended Storage: Keep at -20°C lyophilized and -80°C after reconstitution.

Contributor: DAIDS, NIAID.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Catalog #12540 HIV-1 Consensus Subtype B Env Peptide Pool.

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