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DATA SHEET

Reagent: HIV-1 Consensus B Env Peptide Set

Catalog Number: 9480

Lot Number: 007

Provided: 211 vials, 1.0 mg each, lyophilized.

Sequence: The protein sequence is available at
<http://www.hiv.lanl.gov/content/sequence/PEPTGEN/peptgen.html>

HPLC Purity: See table.

Solubility: See attached table. 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: Series of peptides comprising the Subtype B Env region. Most of the peptides are 15 amino acids in length, with 11-amino acid overlaps between sequential peptides. Most peptides are >80% pure. 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.

[Click here to see the peptides in this complete set.](#)

Contributor: DAIDS, NIAID.

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.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 Consensus Subtype B Env (15-mer) Peptides - Complete Set.

Last Updated: March 09, 2015

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