



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	HIV-1 Consensus B Env Peptide Set
Catalog Number:	9480
Lot Number:	140223
Provided:	211 vials, 0.5 mg each, lyophilized. For the pooled version of this reagent, please see cat #12540.
Description:	A series of peptides comprising HIV-1 consensus subtype B Env (March 26 2003). Peptides are produced as 15mers with 11 aa overlap. For the pooled version of this reagent, please see catalog #12540.
Sequence:	Please see the attached information.
Purity:	Peptides are >80% pure. Many are >90% pure. Detailed purity is available in the attached information.
Solubility:	<p>Please see the attached information.</p> <p>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.</p> <p>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.</p>
Special Characteristics:	<p>Click here for cat #9480 (set) and #12540 (pool) sequence as well as solubility, molecular weight, and purity data.</p> <p>Click here for cat #9480 (set) and #12540 (pool) each peptide's analytical data.</p>
Recommended Storage:	-20°C lyophilized. -80°C after reconstitution.

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.

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: HIV-1 Consensus Subtype B Env Peptide Set.

Last Updated: April 21, 2015

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