



## NIH AIDS Reagent Program

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### DATA SHEET

**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](#)

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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.

**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.

**Last Updated:**

January 29, 2018

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