



## NIH AIDS Reagent Program

20301 Century Boulevard  
Building 6, Suite 200  
Germantown, MD 20874  
USA

Phone: 240 686 4740  
Fax: 301 515 4015  
aidsreagent.org

### DATA SHEET

<b>Reagent:</b>	HIV-1 Consensus B Env Peptide Pool
<b>Catalog Number:</b>	12540
<b>Lot Number:</b>	170030
<b>Provided:</b>	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.
<b>Description:</b>	A peptide pool comprising 211 individual peptides. Peptides are produced as 15mers with 11 aa overlap, spanning the HIV-1 Consensus B Env protein.  Also available as a peptide set, see HIV-1 Consensus B Env Peptide Set, cat# 9480.
<b>Sequence:</b>	See attached file below  The HIV-1 Consensus B Env reference sequence was obtained from the LANL HIV database (2004).
<b>Purity:</b>	Peptides are >80% pure. Detailed purity information is available in the attached file below.
<b>Solubility:</b>	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.  <b>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.</b>
<b>Special Characteristics:</b>	<a href="#">Click here for cat# 12540 (pool) sequence, molecular weight and purity data</a> <a href="#">Click here for individual peptide analytical data</a>

---

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 the reagent 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 Consensus Subtype B Env Peptide Pool from NIAID, DAIDS."

**Last Updated:**

January 29, 2018

---

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.