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## DATA SHEET

**Reagent:** HIV-1 Consensus C Env Peptide Pool

**Catalog Number:** 12634

**Lot Number:** 140307

**Provided:** 1 vial of lyophilized peptides. Each peptide from catalog #9499 peptide set was pooled together then distributed such that each vial contains 50 µg of each peptide.

**Purity:** >80% pure

**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:** [Click here to see the individual peptide's sequence and solubility data.](#)  
[Click here to see the individual peptide's datasheets.](#)

**Recommended Storage:** -20°C while lyophilized. After reconstitution, -80°C.

**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 C Env Peptide Set."

**Last Updated:** August 06, 2015

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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.

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