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DATA SHEET

Reagent: SIVmac239 Env Peptide Pool

Catalog Number: 12635

Lot Number: 140308

Provided: 1 vial of lyophilized peptides. Each peptide from catalog #6883 peptide set was pooled together then distributed such that each vial contains 50 µg of each peptide.

Description: Pool of a series of peptides comprising the SIVmac239 Env region. Most of the peptides are 15 amino acids in length, with 11-amino acid overlaps between sequential peptides.

Sequence: Genbank: AAA47637
Please see table below.

Purity: >80%

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.

Special Characteristics: **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.**
[Click here to see the individual peptides and solubility information.](#)
[Click here to see the individual peptides datasheets.](#)

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

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: SIVmac239 Env Peptide Pool from NIAID, DAIDS (cat# 12635)."

Last Updated: March 22, 2018

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