



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	SHIV 89.6P Env Peptide Set
Catalog Number:	4827
Lot Number:	080196
Provided:	86 vials, 1.0 mg each.
Solubility:	<p>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.</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>Series of peptides comprising the SHIV89.6 Env region. Most of the peptides are 20 amino acids in length, with 10-amino acid overlaps between sequential peptides. Most peptides are >80% pure.</p> <p>Genbank: U89134 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>Click here for the peptides' sequence, solubility, and purity data.</p> <p>Click here for individual peptides' analytical data.</p>
Recommended Storage:	Keep at -80°C after resuspension. Avoid freeze-thaw cycles as reagent degradation may result.
Contributor:	DAIDS, NIAID.

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.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: SHIV 89.6P Env Peptide Set.

Last Updated:

October 01, 2020

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