

DATA SHEET

For research use only. Not for use in humans.

Reagent:	Peptide Array, Simian Immunodeficiency Virus (SIV), SIVmac239 Vif Region
Catalog Number:	ARP-6205
Lot Number:	160028
Provided:	Peptides are provided lyophilized at 0.5 mg per vial.
Description:	ARP-6205 is a 51-peptide array comprising the simian immunodeficiency virus (SIV), SIVmac239 Vif region (GenBank: M33262). Most of the peptides are 15 amino acids in length, with 11 amino acid overlaps between sequential peptides. For the pooled version of this reagent, please see catalog number ARP-12824.
Purity:	Peptides are > 80% pure by HPLC.
Solubility:	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:	Individual peptide analytical data, including sequence, mass, peptide content and purity data, is provided on the BEI Resources webpage.
Recommended Storage:	Peptides should be kept lyophilized in a dry environment at -20°C or colder and at -80°C after reconstitution.
Contributor:	DAIDS, NIAID
Citation:	Acknowledgment for publications should read "The following reagent was obtained through the NIH HIV Reagent Program, Division of AIDS, NIAID, NIH: Peptide Array, Simian Immunodeficiency Virus (SIV), SIVmac239 Vif Region, ARP-6205, contributed by DAIDS, NIAID."
Biosafety Level: 1	Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories (BMBL). Current Edition. Washington, DC: U.S. Government Printing Office.
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