



## NIH AIDS Research & Reference Reagent Program

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### DATA SHEET

**Reagent:** HIV-1 Con B Gag peptides- Complete Set

**Catalog Number:** 8117

**Lot Number:** 9

**Provided** 123 vials, 1.0 mg each, lyophilized.

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.

**Solubility**

**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**

Series of peptides comprising the Subtype B Gag region. Most of the peptides are 15 amino acids in length, with 11-amino acid overlaps between sequential peptides. Most peptides are >80% pure. 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.

[Click here to see the peptides in this complete set.](#)

**Contributor** DAIDS, NIAID.

**NOTE** Acknowledgment for publications should read "The following reagent was obtained through the AIDS Research and Reference Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 Con B Gag peptides- Complete Set.

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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.