



NIH AIDS Reagent Program
20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

DATA SHEET

Reagent: HIV-1 Consensus B Gag Peptide Pool

Catalog Number: 12425

Lot Number: 180217

Provided: 1 vial of lyophilized peptides.
The 123 peptides from catalog #8117 peptide set were pooled together and then distributed such that each vial contains 50 µg of each peptide, 6.15 mg total peptide.

Description: A peptide pool comprising 123 individual peptides. Peptides are produced as 15mers with 11 aa overlap, spanning the HIV-1 Consensus B Gag protein.
Also available as a peptide set, see HIV-1 Consensus B Gag Peptide Set, cat #8117.

Sequence: See attached file below
The HIV-1 Consensus B Gag reference sequence was obtained from the LANL HIV database (2002).

Purity: Peptides are >80% pure. Detailed purity information is available in the attached file below.

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: [Click here for cat #12425 \(pool\) sequence, molecular weight, peptide content, and purity data](#)
[Click here for individual peptide analytical data](#)

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.

Recommended Storage:

Keep at -20°C lyophilized and -80°C after reconstitution.

Contributor:

NIAID, DAIDS

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 Con B Gag Peptide Pool (cat #12425).

Last Updated:

October 04, 2019

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.