

## Peptide T

**Cat. No.:** RP13035

**Size:** 5 mg

**Description:**

Peptide T is a chain of eight amino acids. It shares sequence homology with HIV envelope protein gp120. Peptide T is potentially useful as antiviral agent in AIDS therapy. Peptide T is a synthetically produced protein derived from gp120--the protein on the surface of HIV particles that binds to the CD4 molecule on the surface of some human cells. Peptide T was discovered in 1986 when scientists were screening for gp120-derived peptides that might block HIV infection.

**Sequence (one-letter code):**

ASTTTNYT

**Sequence (three-letter code):**

{D-ALA}{SER}{THR}{THR}{THR}{ASN}{TYR}{THR}

**Solubility:** Soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weigh out a smaller portion of the contents.

**Formula:** C<sub>35</sub>H<sub>55</sub>N<sub>9</sub>O<sub>16</sub>

**Molecular Weight:** 857.87

**Purity:** > 95%

**Storage:**

Before use, store the peptide dry at 0-5°C. For best and most repeatable results, rehydrate the peptide immediately before use. Do not re-freeze any unused portions.

**Note:**

\*For Non-Clinical Research Use Only \*

