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# WT1 235-243 Peptide Vaccine

National Cancer Institute

## Source

National Cancer Institute. *WT1 235-243 Peptide Vaccine*. NCI Thesaurus. Code C104734.

A synthetic peptide vaccine consisting of a HLA-A24-restricted human Wilms' Tumor protein-1 (WT1) peptide comprised of amino acids 235 through 243, a MHC class I-restricted peptide, with potential immunomodulating and antitumor activities. Vaccination with WT1 235-243 peptide may induce a WT1-specific cytotoxic T-lymphocyte (CTL) response against WT1 expressing cells, resulting in cell lysis and inhibition of cancer cell proliferation. WT1, a zinc finger DNA-binding protein, is overexpressed in most types of leukemia and in a variety of solid cancers.