

Respiratory Syncytial Virus (RSV) ImmuneSelect Peptide Pool

Product Description

Description

The RSV peptide pool is composed of 42 peptides that include MHC-I and MHC-II epitopes from Human respiratory syncytial virus A2 and Human orthopneumovirus. Peptide sequences are derived from the following proteins:

- Fusion glycoprotein
- Matrix protein
- Non-structural protein 1
- Nucleoprotein
- RNA polymerase

The purity of each peptide is $\geq 95\%$ (HPLC-MS).

Application

The in-vitro stimulation of Peripheral Blood Mononuclear Cells (PBMCs) with RSV ImmuneSelect activates memory T cells specific to the virus, leading to cytokine secretion and the increased expression of specific surface markers.

Specifications

ImmuneSelect Product Human RSV ImmuneSelect Peptide Pool

Amount 7 nmol/peptide (approx. 11.6 ug), for the stimulation of up to 1.10^8 cells

Purity $\geq 90\%$ (HPLC-MS)

Presentation Freeze-dried in a glass vial

Shipping and Storage Store at $-20\text{ }^{\circ}\text{C}$ or below