



Influenza A PA (46-54) Peptide (frozen, ready-to-use peptide solution)

Catalog Number: CEF32-04-001

Product Name: Influenza A PA (46-54) Peptide

Peptide Sequence: FMYSDFHFI

Package Size: 1.5ml per vial, peptide dissolved in serum-free CTL-Test™ Medium.

Concentration: 10nm

Description: Influenza A PA (46-54) is an HLA-A2-restricted synthetic peptide derived from human influenza virus.

Activity: Influenza A PA (46-54) stimulates peptide-specific CD8+ memory T cells to produce IFN- γ .

Recommended Use: After thawing, the reagent is a 2x ready-to-use working solution (concentration 10nm). When working in 96-well plates, add 100 μ l of peptide solution to 100 μ l of cells per well. The cell concentration should be 100,000 – 800,000 cells/well.

Storage: Keep frozen at -20°C to -80°C

References: Currier JR, Kuta EG, Turk E, Earhart LB, Loomis-Price L, Janetzki S, Ferrari G, Birx DL, Cox JH. A panel of MHC class I restricted viral peptides for use as a quality control for vaccine trial ELISPOT assays. *J Immunol Methods* 260:157-172, 2002.

Mwau M, Michael A and Hanke T. Design and validation of an enzyme-linked immunospot assay for use in clinical trials of candidate HIV vaccines. *AIDS Res Hum Retroviruses* 18: 611-8, 2002.

For laboratory research use only. Not for use in diagnostic or therapeutic procedures.