

Certificate of Analysis

Cell count	1.6 million per vial
Viability	95%
CD8+	99.6%
CD8+NegativeTetramer+	0.6%
CD8+HPV E7 Dextramer+	60.0%
Sterility	Negative for Bacteria, Yeast and Fungi

Donor Information

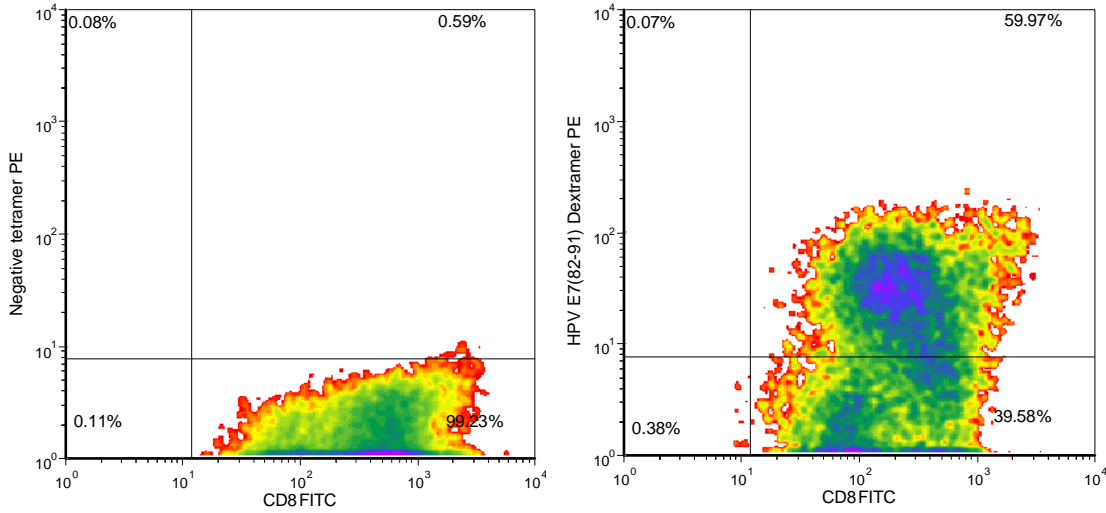
Donor ID	224
Age	55
Gender	Female
Race	Caucasian
Height	5'3"
Weight	180
ABO Type	B negative

HLA typing

	Allele 1	Allele 2
HLA-A	*0201	*0201
HLA-B	*07	*15
HLA-C	*03	*07
HLA-DRB1	*15	*13

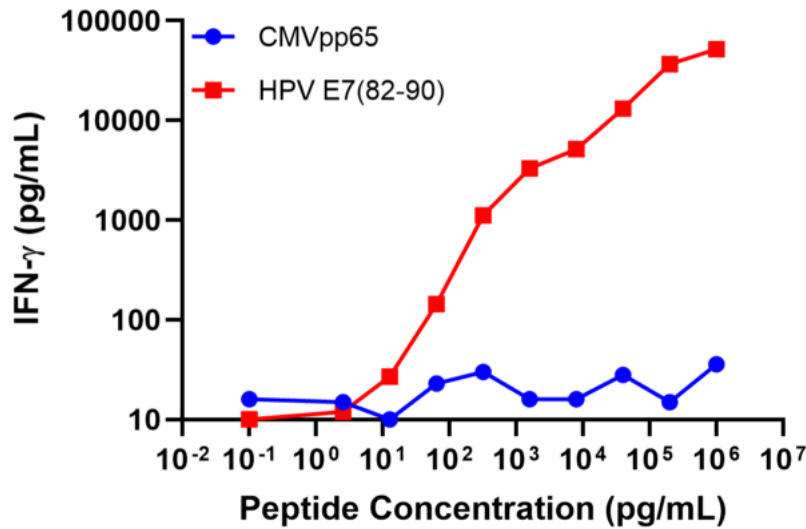
Donors are tested for the blood borne pathogens HIV-1 and 2, Hepatitis B, Hepatitis C and HTLV-1 and are negative. Cells should still be handled as if potentially infectious following biosafety level 2 procedures

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Negative tetramer PE = HLA-A*0201-PE iTag MHC Tetramer (MBL International, Woburn, MA); HPV E7 (82-91) tetramer = HPV E7₈₂₋₉₁ peptide (LLMGTLGIVC)/ HLA-A*0201-PE MHC Dextramer (Immudex, Denmark)

IFN-gamma Secretion



20,000 T cells were plated post-thaw in a 96-well round-bottom plate in the presence of 20,000 T2 cells, a B-LCL expressing HLA-A*0201) alone or in the presence of increasing concentrations OF HLA-A*0201 restricted CMV pp65 peptide (NLVPMVATV) or HLA-A*0201 restricted HPV E7₈₂₋₉₀ peptide (LLMGTLGIV). Culture media used in this assay is RPMI 1640 + 10% FBS. After an overnight (18-24h) incubation period, supernatant was collected from each well. IFN-γ concentration was analyzed using the Meso Scale Discovery IFN-γ assay.

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