

## Certificate of Analysis

Cell count	2 million per vial
Viability	92%
CD8+	99.5%
CD8+NegTetramer+	1.2%
CD8+WT-1Tetramer+	94.8%
Sterility	Negative for Bacteria, Yeast and Fungi
Mycoplasma	Negative

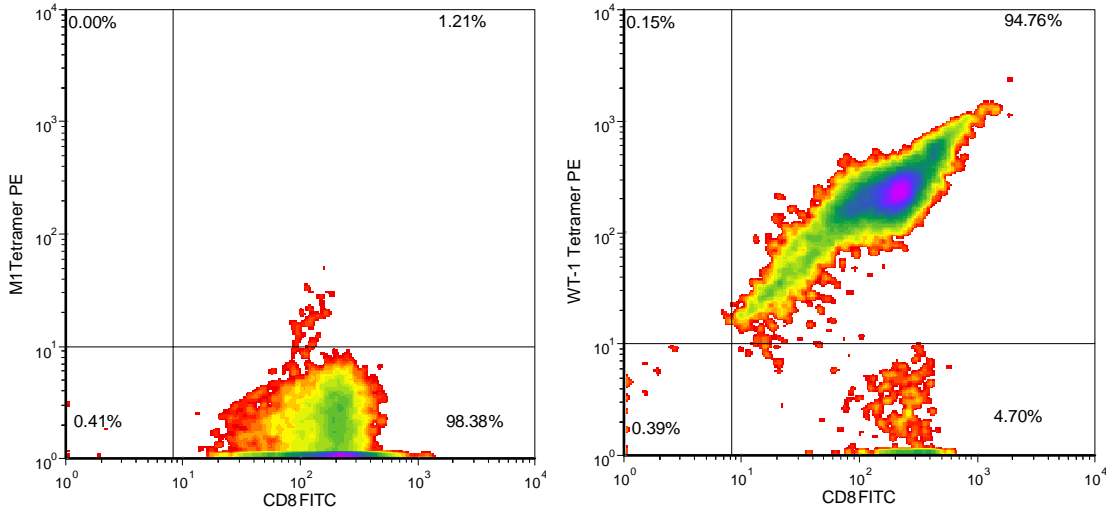
### *Donor Information*

Donor ID	398
Age	41
Gender	Female
Race	Caucasian
Height	5'6"
Weight	142
ABO Type	A positive

### *HLA typing*

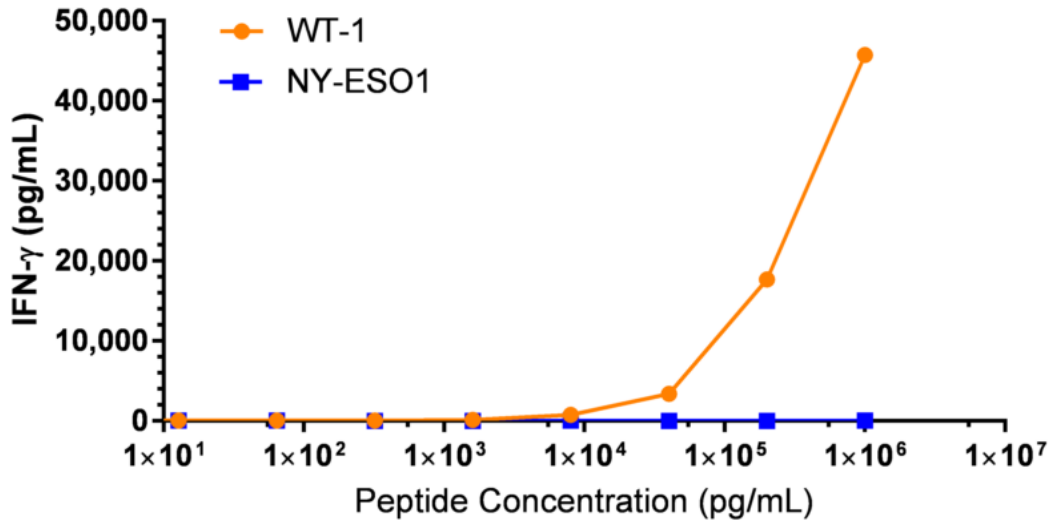
	Allele 1	Allele 2
HLA-A	*02	*03
HLA-B	*07	*39
HLA-C	*07	*07
HLA-DRB1	*08	*15

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



M1 tetramer = M1 Influenza: GILGFVFTL) HLA-A\*0201-PE iTag MHC Tetramer (MBL International, Woburn, MA); CMVWT-1 pp65 tetramer = WT-1 peptide (RMFPNAPYL)/ HLA-A\*0201-PE iTag MHC Tetramer (MBL International, Woburn, MA)

### IFN-gamma Secretion



20,000 T cells were plated in a 96-well round-bottom plate alone or 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 NY-ESO1 peptide (SLLMWITQV) or HLA-A\*0201 restricted WT-1 peptide (RMFPNAPYL). 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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