

Certificate of Analysis

Cell Count	1.53 Million per vial
Viability	96%
CD8+	89.38%
CD8+ Neg Tetramer+	3.21%
CD8+ CMV Tetramer+	70.26%
Sterility Testing	Negative for bacteria and fungi

Donor Information

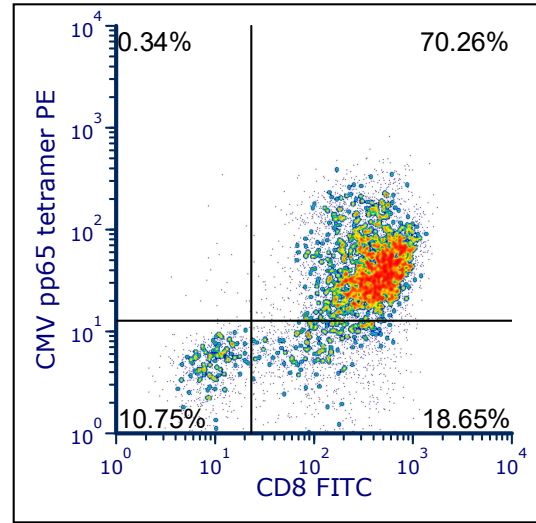
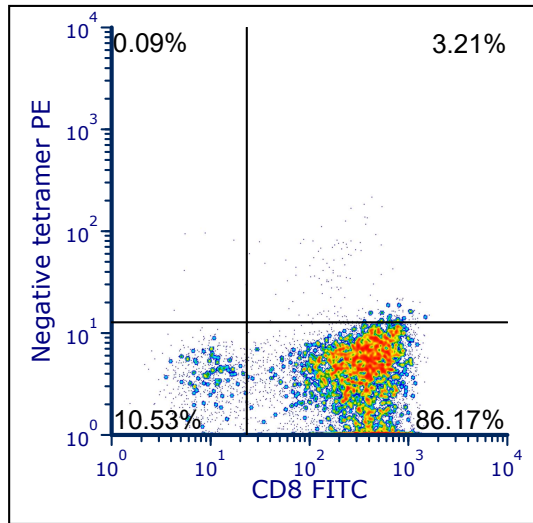
Donor ID	153
Gender	Female
Age	33
Race	Caucasian
Height	67 in
Weight	205lbs
ABO Type	O positive

HLA Typing

	Allele 1	Allele 2
HLA-A	02:01	31:01
HLA-B	15:01	57:01
HLA-C	03:03	06:02
HLA-DRB1	15:01	13:01

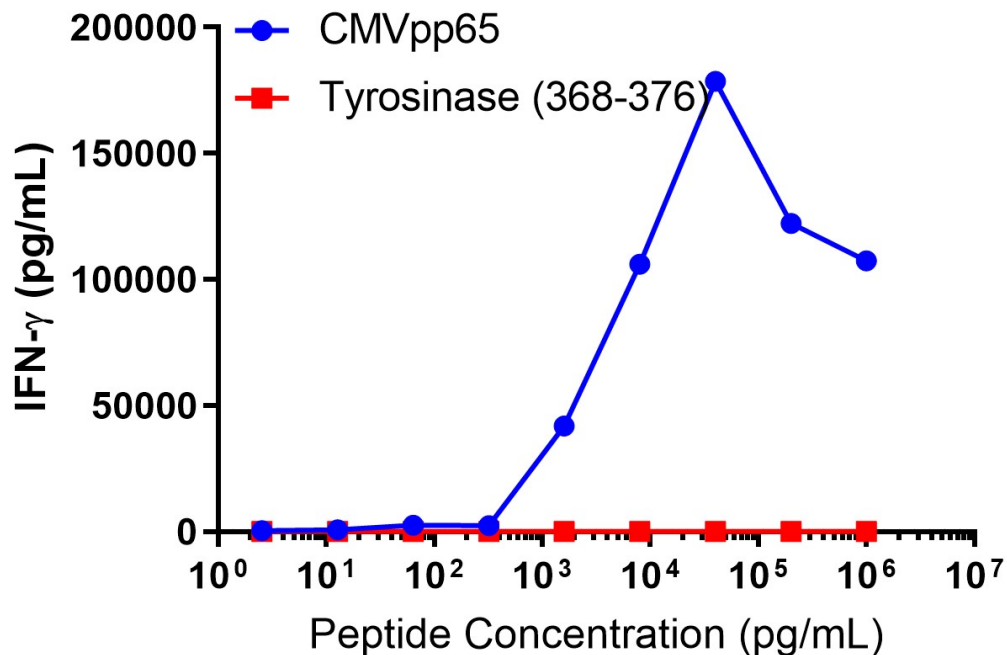
Donors are tested for the blood borne pathogens (HIV-1 and 2, Hepatitis B, Hepatitis C and HTLV-1) and are negative. Cells should still be handled as if potentially infectious following biosafety level 2 procedures.

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Negative tetramer = HLA-A*02:01-PE iTag MHC Tetramer (MBL International, Woburn, MA); CMV tetramer = CMV pp65 peptide (NLVPMVATV) / HLA-A*02:01-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*02:01) alone or in the presence of increasing concentrations of HLA-A*02:01 restricted CMV pp65 peptide (NLVPMVATV) or HLA-A*02:01 restricted Tyrosinase 368-376 peptide (YMDGTMSQV). Culture media used is RPMI 1640 + 10% FBS. Supernatants were collected after 18-24 hours or incubation. IFN- γ concentration was analyzed using the Meso Scale Discovery IFN- γ assay.

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