Anti-CMV T Cells, Donor 153
Catalog Number: 1049
Lot Number: 5085AP21

Certificate of Analysis

Cell Count	1.6 Million per vial
Viability	87%
CD8+	91.99%
CD8+ Neg Tetramer+	8.94%
CD8+ CMV Tetramer+	62.26%
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 bourne 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.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

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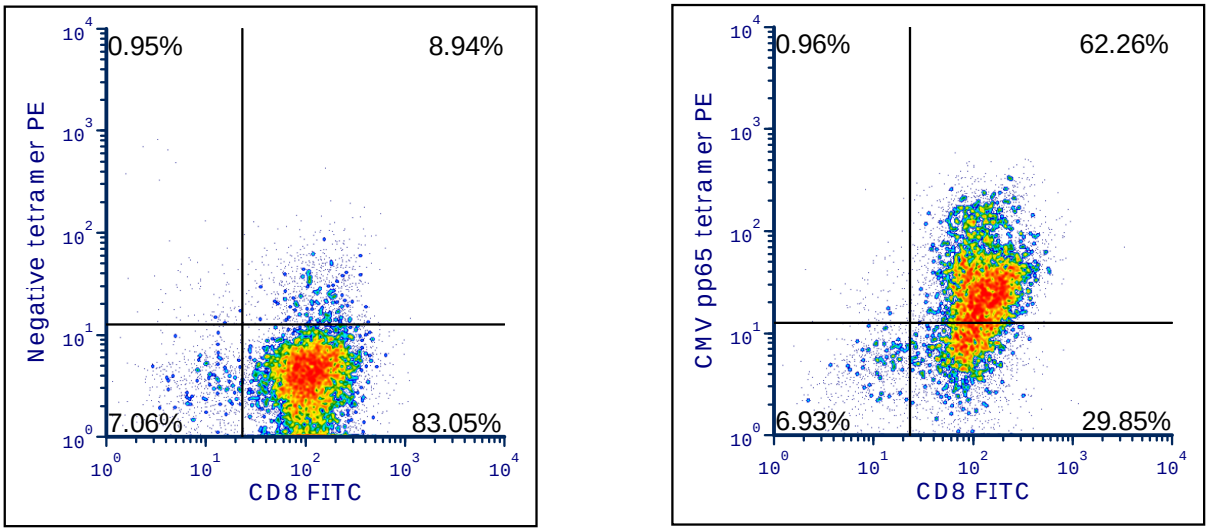
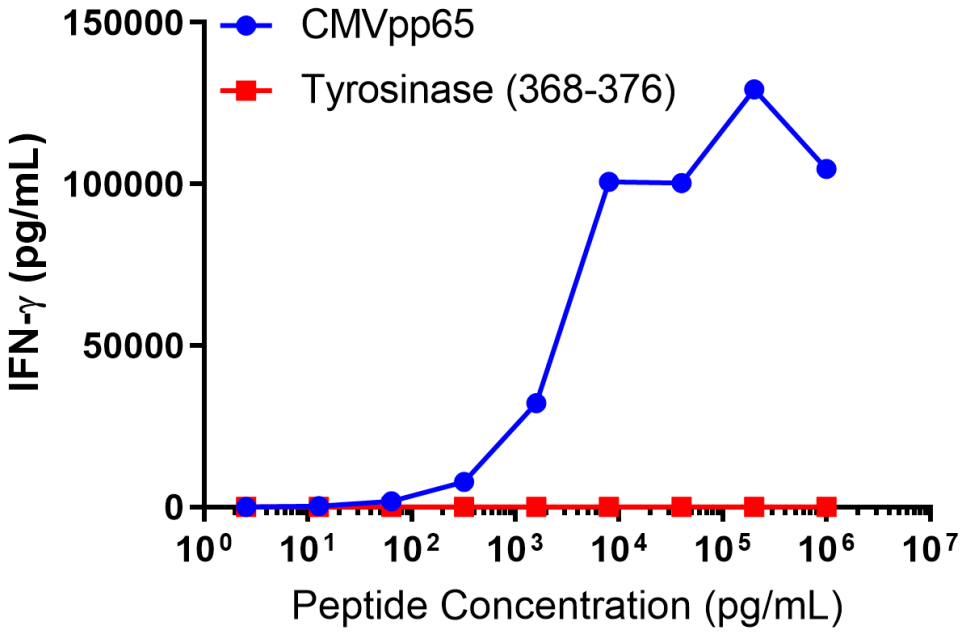


Negative tetramer = HLA-A*0201-PE iTag MHC Tetramer (MBL International, Woburn, MA); CMV tetramer = CMV pp65 peptide (NLVPMVATV)/ HLA-A*0201-PE iTag MHC Tetramer (MBL International, Woburn, MA)

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 CMV pp65 peptide (NLVPMVATV) or HLA-A*0201 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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