Anti-WT-1 T Cells, Donor 398
Catalog Number: 1089
Lot Number: 4809AU20

Certificate of Analysis

Live Cell count	1.6 million per vial
Viability	90%
CD8+	99.9%
CD8+NegTetramer+	1.3%
CD8+WT-1Tetramer+	93.0%
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	*0201	*0301
HLA-B	*0702	*3901
HLA-C	*0702	*0702
HLA-DRB1	*0801	*1501

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

833-CELLERO - www.cellero.com - info@cellero.com

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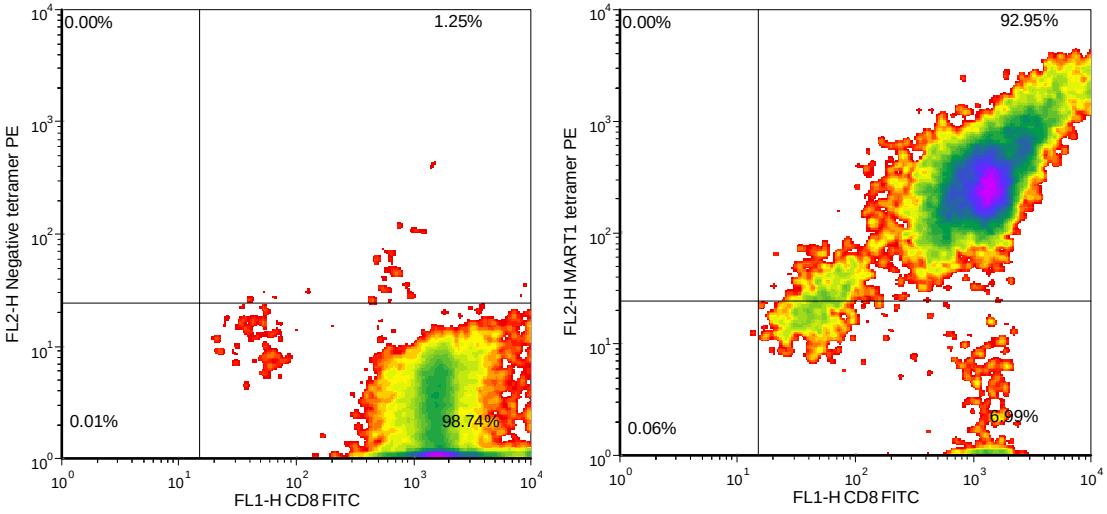
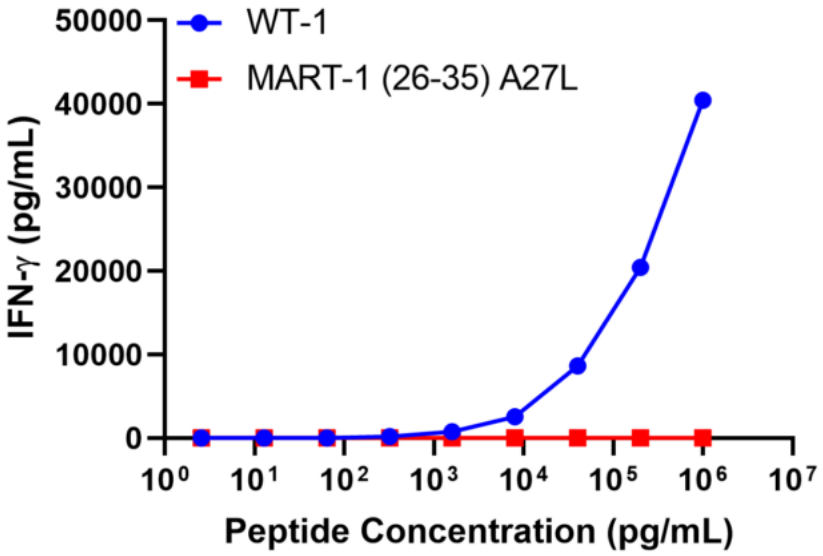


Negative tetramer = no peptide/ HLA-A*0201-PE iTag MHC Tetramer (MBL International, Woburn, MA); WT-1 tetramer = WT-1 peptide (RMFPNAPYL)/ HLA-A*0201-PE iTag MHC Tetramer (MBL International, Woburn, MA)

IFN-g 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 irrelevant control MART-1 26-35 (A27L) peptide (ELAGIGILTV) or HLA-A*0201 restricted WT-1 peptide (RMFPNAPYL). Culture media used is RPMI 1640 and 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.