

Certificate of Analysis

CD4+ T CELLS 10 E+06

DONOR NUMBER	1685BW						
AGE	55	HEIGHT	72	WEIGHT	257	SEX	Male
MEDICATIONS	None reported						
NOTES							

DATE COLLECTED	7/22/2021
DATE PURIFIED	7/23/2021
% VIABILITY	99.4%
% YIELD	18.5%

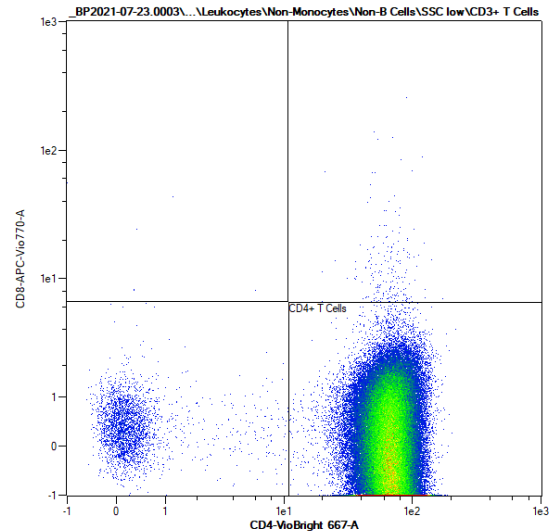
DATE OF FACS ANALYSIS	7/23/2021
PERFORMED BY	IE

Purification Method
NEGATIVE SELECTION: AutoMACS Pro

Cell Frequency

Population	Phenotype	Frequency % among leukocytes	Count / μ L
Singlets			708.41
Viable Cells	7-AAD-		707.41
Debris Exclusion	7-AAD-		695.45
Leukocytes	7-AAD- CD45+		675.30
Monocytes	7-AAD- CD45+ CD14+	0.56	3.77
- Non-Classical	7-AAD- CD45+ CD14+ CD16+	0.34	2.31
- Intermediate	7-AAD- CD45+ CD14++ CD16+	0.18	1.22
- Classical	7-AAD- CD45+ CD14++ CD16-	0.00	0.00
B Cells	7-AAD- CD45+ CD14- CD19+	0.40	2.68
Eosinophils	7-AAD- CD45+ CD14- CD19- SSC hi CD16-	0.05	0.33
Neutrophils	7-AAD- CD45+ CD14- CD19- SSC hi CD16+	0.00	0.00
NK Cells	7-AAD- CD45+ CD14- CD19- SSC lo CD3- CD56+	0.01	0.10
CD3+ T Cells	7-AAD- CD45+ CD14- CD19- SSC lo CD3+	98.29	663.73
- NKT Cells	7-AAD- CD45+ CD14- CD19- SSC lo CD3+ CD56+	0.44	2.99
- CD8+ T Cells	7-AAD- CD45+ CD14- CD19- SSC lo CD3+ CD4- CD8+	0.00	0.02
- CD4+ T Cells	7-AAD- CD45+ CD14- CD19- SSC lo CD3+ CD4+ CD8-	96.41	651.08

Flow Analysis



Microscopic Observations

No RBCs, no debris.

FREEZING MEDIA	10% DMSO, 90% FBS
FREEZING METHOD	COOL CELLS
EXPECTED RECOVERY	50–75%