

Certificate of Analysis

PBMC 25 E+06

DONOR NUMBER	3947BW			
AGE 78	HEIGHT 68	WEIGHT 180	SEX Female	
MEDICATIONS				
Potassium Chloride; Lisinopril; Hydrochlorothiazide; Simvastatin;				
Glucosamine; One A Day Vitamin; Calcium; Vitamin C				
NOTES				

DATE COLLECTED	8/19/2021
DATE PURIFIED	8/19/2021
% VIABILITY	99.6%
% YIELD	N/A

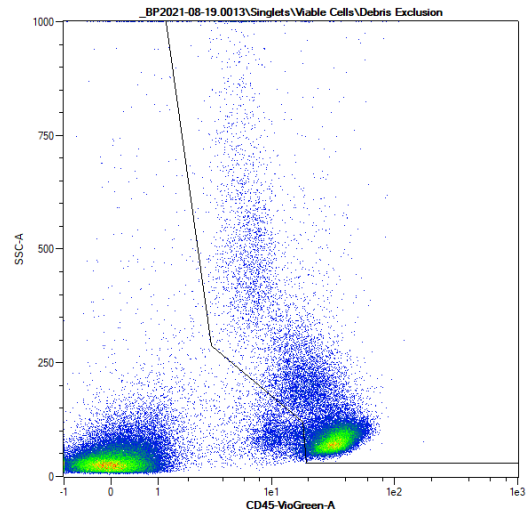
DATE OF FACS ANALYSIS	8/19/2021
PERFORMED BY	KB

Purification Method
FICOLL - MANUAL

Cell Frequency

Population	Phenotype	Frequency % among leukocytes	Count / μ L
Singlets			1279.67
Viable Cells	7-AAD-		1265.90
Debris Exclusion	7-AAD-		508.02
Leukocytes	7-AAD- CD45+		204.54
Monocytes	7-AAD- CD45+ CD14+	17.09	34.96
- Non-Classical	7-AAD- CD45+ CD14+ CD16+	1.53	3.12
- Intermediate	7-AAD- CD45+ CD14++ CD16+	1.56	3.19
- Classical	7-AAD- CD45+ CD14++ CD16-	12.82	26.22
B Cells	7-AAD- CD45+ CD14- CD19+	9.89	20.23
Eosinophils	7-AAD- CD45+ CD14- CD19- SSC hi CD16-	1.01	2.06
Neutrophils	7-AAD- CD45+ CD14- CD19- SSC hi CD16+	6.88	14.08
NK Cells	7-AAD- CD45+ CD14- CD19- SSC lo CD3- CD56+	6.55	13.39
CD3+ T Cells	7-AAD- CD45+ CD14- CD19- SSC lo CD3+	57.30	117.19
- NKT Cells	7-AAD- CD45+ CD14- CD19- SSC lo CD3+ CD56+	1.75	3.58
- CD8+ T Cells	7-AAD- CD45+ CD14- CD19- SSC lo CD3+ CD4- CD8+	6.08	12.43
- CD4+ T Cells	7-AAD- CD45+ CD14- CD19- SSC lo CD3+ CD4+ CD8-	49.68	101.62

Flow Analysis



Microscopic Observations

~50% RBCs, usual debris, possible grans

FREEZING MEDIA	CRYOSTOR CS10
FREEZING METHOD	COOL CELLS
EXPECTED RECOVERY	50–75%