

1. Certificate of Analysis

Scope	The product details below have not been cleared by the FDA for In Vitro Diagnostic use. These values are provided for Research Use Only. Not for use in diagnostic procedures.
Product Lot	102184
Date Issued	DEC2024
Expiration Date	NOV2027

Population Type	WBC Type	% Population
All singlets gated on scatter & CD45		
Granulocytes CD45(+)	G	5
Monocytes CD45(+)	M	14
Lymphocytes CD45(+)	L	80
Monocytes gated on CD45+		
Classical Monocytes: CD45(+) CD14(+)	M	100
Lymphocytes gated on CD45+		
T Cells: CD45(+) CD3(+)	L	73
B Cells: CD45(+) CD19(+)	L	14
NK Cells: CD45(+) CD3(-) CD19(-)	L	12
T-cells from lymphocytes gated on CD45(+) CD3(+)		
T Helper: CD45(+) CD3(+) CD4(+)	L	68
T Cytotoxic: CD45(+) CD3(+) CD8(+)	L	32

Natural Killer (NK) Cells from lymphocytes gated on CD45(+) CD3(-) CD19(-)		
NK Cells: CD45(+) CD16(+) CD56(+)	L	99

Gating Scheme				
Gating Scheme				
Granulocytes (CD45)	Monocytes (CD45)	Lymphocytes (CD45)		
	Classical Monocytes (CD45, CD14)	T-Cells (CD45, CD3)	B-Cells (CD45, CD19)	Natural Killer (NK) (CD45, CD3-, CD19-)
		T Helper (CD45, CD3, CD4)	T Cytotoxic (CD45, CD3, CD8)	Natural Killer (NK) (CD45, CD16, CD56)

Approved by: Signed by:
Simon Au
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Quality Assurance

Quality Engineer 9/15/2025