

StatusFlow[®]

Flow Cytometry Control

CONTROL

FOR IN VITRO DIAGNOSTIC USE

ASSAY VALUES AND EXPECTED RANGES

QCP DATA MONTHS: **MAY**

WBC/ μ L **4,212**
 Lymphocytes/ μ L **1,453**
 Lymphocyte % **34.5**

LOT **FC0525**
 **2025-06-05**

Phenotype Phénotype Phanotyp	% Total Lymphocytes (Range) % Lymphocytes totaux (Limites) % Gesamt-Lymphozyten (Bereich)	Number/ μ L (Range) Nombre/ μ L (Limites) Anzahl/ μ L (Bereich)
CD3 ⁺	71.6 (61.6 - 81.6)	1040.3 (801.1 - 1279.6)
CD3 ⁺ /CD4 ⁺	47.1 (40.6 - 53.6)	684.4 (547.5 - 821.2)
CD3 ⁺ /CD8 ⁺	22.3 (15.3 - 29.3)	324.0 (233.6 - 414.4)
CD19 ⁺	14.6 (10.6 - 18.6)	212.1 (146.8 - 277.5)
CD3 ⁺ /CD16+56 ⁺	12.6 (5.6 - 19.6)	183.1 (97.0 - 269.1)
HLA-DR ⁺	24.8 (18.8 - 30.8)	360.3 (245.0 - 475.7)
CD3 ⁺ HLA-DR ⁺ %	8.0 (5.0 - 11.0)	116.2 (104.6 - 127.9)
CD2 ⁺	79.0 (69.0 - 89.0)	1147.9 (918.3 - 1377.4)
CD20 ⁺	14.8 (10.8 - 18.8)	215.0 (141.9 - 288.2)
CD45 ⁺ / CD14 ⁻	≥ 95.0*	
Phenotype	% Total Monocytes (Range)	
CD45 ⁺ / CD14 ⁺	85.3 (75.3 - 95.3)	

* The value and expected range listed for CD45⁺ / CD14⁻ is consistent with CDC and CLSI guidelines.

These values were derived using reagents listed below.

Slight differences in cell counts may be obtained with antibodies from different sources.

Antibody (Fluorochrome)

CD3 / CD8 / CD45 / CD4 (FITC / PE / PerCP / APC)
 CD3 / CD16+CD56 / CD45 / CD19 (FITC / PE / PerCP / APC)
 CD3 / HLA-DR (FITC / PE)
 CD34 (PE)
 CD45 / CD14 (FITC / PE)
 CD20 / CD2 (FITC / PE)

Manufacturer

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Phenotype	Gated Population	% Positive Cells (Expected Range)	Antibody (Fluorochrome)
Kappa ⁺ / Lambda ⁻	lymphocytes	7.5 (5.5 - 9.5)	Kappa (FITC)
Kappa ⁻ / Lambda ⁺	lymphocytes	7.0 (5.0 - 9.0)	Lambda (PE)
CD8 ⁺ / CD38 ⁺	lymphocytes	7.7 (2.7 - 12.7)	CD8 / CD38 (FITC / PE)
CD33 ⁺ / CD14 ⁺	CD14-gated monocytes	95.0 (85.0 - 100.0)	CD14 / CD33 (FITC / PE)
CD7 ⁺ / CD3 ⁺	CD3-gated T lymphocytes	92.7 (82.7 - 100.0)	CD3 / CD7 (FITC / PE)
CD5 ⁺	lymphocytes	75.3 (65.3 - 85.3)	CD5 (PE)
CD13 ⁺	granulocytes	99.6 (89.6 - 100.0)	CD13 (PE)
CD22 ⁺ / CD3 ⁻	lymphocytes	13.2 (8.2 - 18.2)	CD22 (FITC / PE)

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