

CBC-5D

HEMATOLOGY CONTROLS

REVISED 2025-11-19

CONTROL

ASSAY VALUES AND EXPECTED RANGES

Beckman Coulter® UniCel® DxH™ 900/800/690T/600

QCP DATA MONTHS:

DEC, JAN, FEB

2026-03-05



Parameter	LEVEL 1			LEVEL 2			LEVEL 3		
	LOT	128711180		LOT	138821180		LOT	148631180	
	Mean	Range		Mean	Range		Mean	Range	
WBC $\times 10^3/\mu\text{L}$	4.2	± 1.0		9.1	± 1.5		21.8	± 2.5	
NE% %	NA	$\pm \text{NA}$		60.0	± 11.0		66.0	± 11.0	
NE# $\times 10^3/\mu\text{L}$	NA	$\pm \text{NA}$		5.4	± 1.0		14.4	± 2.4	
LY% %	NA	$\pm \text{NA}$		23.0	± 12.0		21.5	± 12.0	
LY# $\times 10^3/\mu\text{L}$	NA	$\pm \text{NA}$		2.1	± 1.1		4.7	± 2.7	
MO% %	NA	$\pm \text{NA}$		10.0	± 10.0		8.0	± 8.0	
MO# $\times 10^3/\mu\text{L}$	NA	$\pm \text{NA}$		0.9	± 0.9		1.7	± 1.7	
EO% %	NA	$\pm \text{NA}$		6.0	± 6.0		3.5	± 3.5	
EO# $\times 10^3/\mu\text{L}$	NA	$\pm \text{NA}$		0.6	± 0.6		0.8	± 0.8	
BA% %	NA	$\pm \text{NA}$		1.0	± 1.0		1.0	± 1.0	
BA# $\times 10^3/\mu\text{L}$	NA	$\pm \text{NA}$		0.1	± 0.1		0.2	± 0.2	
RBC $\times 10^6/\mu\text{L}$	2.54	± 0.12		4.04	± 0.18		5.38	± 0.24	
HGB g/dL	6.4	± 0.4		12.1	± 0.5		17.4	± 0.8	
HGB g/L	64	± 4		121	± 5		174	± 8	
HGB mmol/L	4.0	± 0.3		7.5	± 0.3		10.8	± 0.5	
HCT %	20.6	± 1.5		39.4	± 2.0		57.8	± 2.8	
HCT L/L	0.206	± 0.015		0.394	± 0.020		0.578	± 0.028	
MCV fL	81.0	± 5.0		97.5	± 5.0		107.5	± 5.0	
MCH pg	25.2	± 1.8		30.0	± 1.8		32.3	± 1.8	
MCH fmol	1.56	± 0.11		1.86	± 0.12		2.01	± 0.16	
MCHC g/dL	31.1	± 2.4		30.7	± 2.4		30.1	± 2.4	
MCHC g/L	311	± 24		307	± 24		301	± 24	
MCHC mmol/L	19.3	± 2.3		19.0	± 1.8		18.7	± 1.8	
RDW %	17.5	± 5.0		15.0	± 5.0		14.0	± 5.0	
RDW-SD fL	53.5	± 10.0		55.0	± 10.0		56.0	± 10.0	
PLT $\times 10^3/\mu\text{L}$	76	± 20		242	± 40		488	± 65	
MPV fL	9.0	± 2.0		8.8	± 2.0		8.7	± 2.0	
* PCT %	0.070	± 0.030		0.210	± 0.050		0.420	± 0.080	
* PCT mL/L	0.70	± 0.30		2.10	± 0.50		4.20	± 0.80	
* PDW	17.0	± 3.0		17.5	± 3.0		17.5	± 3.0	
NRBC # ($10^9/\text{L}$)		≤ 0.50		0.23	± 0.23		0.33	± 0.33	
NRBC % (/100 WBC)		≤ 10.0		2.5	± 2.5		1.5	± 1.5	

Before using, refer to the instruction sheet for mixing directions.

Set up control folders using the default source.

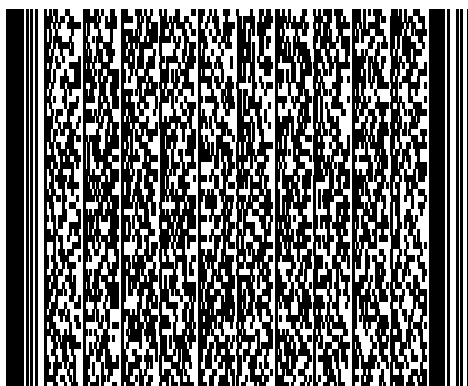
* For Research Use Only

"R" alarms may occur with control material on automated systems. This will not affect the validity of results.

Occasionally leukocyte cell populations are incorrectly identified. If this occurs, please rerun the sample.

For technical assistance in the USA and Canada call Technical Service at (800) 523-3395.

All brands and products are trademarks or registered trademarks of their respective companies.



R&D Systems, Inc.
614 McKinley Place NE
Minneapolis, MN 55413 USA
AS082-021 Rev. 03/23