

Revised 2025-03-04

CBC-5D
HEMATOLOGY CONTROLS
CONTROL

ASSAY VALUES AND EXPECTED RANGES

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

QCP DATA MONTHS:

MAR, APR, MAY



2025-06-05

Parameter	LEVEL 1		LEVEL 2		LEVEL 3	
	LOT	128711150	LOT	138821150	LOT	148631150
WBC $\times 10^3/\mu\text{L}$	4.1	\pm 1.0	9.4	\pm 1.5	22.1	\pm 2.5
NE% %	NA	\pm NA	NA	\pm NA	NA	\pm NA
NE# $\times 10^3/\mu\text{L}$	NA	\pm NA	NA	\pm NA	NA	\pm NA
LY% %	NA	\pm NA	NA	\pm NA	NA	\pm NA
LY# $\times 10^3/\mu\text{L}$	NA	\pm NA	NA	\pm NA	NA	\pm NA
MO% %	NA	\pm NA	NA	\pm NA	NA	\pm NA
MO# $\times 10^3/\mu\text{L}$	NA	\pm NA	NA	\pm NA	NA	\pm NA
EO% %	NA	\pm NA	NA	\pm NA	NA	\pm NA
EO# $\times 10^3/\mu\text{L}$	NA	\pm NA	NA	\pm NA	NA	\pm NA
BA% %	NA	\pm NA	NA	\pm NA	NA	\pm NA
BA# $\times 10^3/\mu\text{L}$	NA	\pm NA	NA	\pm NA	NA	\pm NA
RBC $\times 10^6/\mu\text{L}$	2.51	\pm 0.12	4.03	\pm 0.18	5.38	\pm 0.24
HGB g/dL	6.3	\pm 0.4	12.1	\pm 0.5	17.1	\pm 0.8
HGB g/L	63	\pm 4	121	\pm 5	171	\pm 8
HGB mmol/L	3.9	\pm 0.3	7.5	\pm 0.3	10.6	\pm 0.5
HCT %	20.7	\pm 1.5	38.5	\pm 2.0	55.4	\pm 2.8
HCT L/L	0.207	\pm 0.015	0.385	\pm 0.020	0.554	\pm 0.028
MCV fL	82.5	\pm 5.0	95.5	\pm 5.0	103.0	\pm 5.0
MCH pg	25.1	\pm 1.8	30.0	\pm 1.8	31.8	\pm 1.8
MCH fmol	1.56	\pm 0.11	1.86	\pm 0.12	1.97	\pm 0.16
MCHC g/dL	30.4	\pm 2.4	31.4	\pm 2.4	30.9	\pm 2.4
MCHC g/L	304	\pm 24	314	\pm 24	309	\pm 24
MCHC mmol/L	18.9	\pm 2.3	19.5	\pm 1.8	19.1	\pm 1.8
RDW %	17.5	\pm 5.0	15.0	\pm 5.0	15.0	\pm 5.0
RDW-SD fL	52.5	\pm 10.0	53.5	\pm 10.0	57.5	\pm 10.0
PLT $\times 10^3/\mu\text{L}$	82	\pm 20	256	\pm 40	468	\pm 65
MPV fL	8.9	\pm 2.0	8.7	\pm 2.0	8.9	\pm 2.0
* PCT %	0.075	\pm 0.030	0.225	\pm 0.050	0.410	\pm 0.080
* PCT mL/L	0.75	\pm 0.30	2.25	\pm 0.50	4.10	\pm 0.80
* PDW	17.5	\pm 3.0	17.5	\pm 3.0	17.5	\pm 3.0
NRBC # ($10^9/\text{L}$)	≤ 0.50		0.14	\pm 0.14	0.33	\pm 0.33
NRBC % (/100 WBC)	≤ 10.0		1.5	\pm 1.5	1.5	\pm 1.5

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

Set up control folders using the default source.

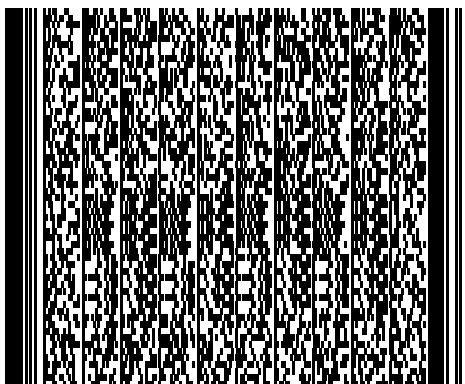
* For Research Use Only

"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.

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