

CBC-5D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

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

QCP DATA MONTHS: DEC, JAN, FEB

2025-03-05



Parameter	LEVEL 1		LEVEL 2		LEVEL 3	
	LOT	128711140	LOT	138821140	LOT	148631140
	Mean	Range	Mean	Range	Mean	Range
WBC × 10 ³ /μL	4.2	± 1.0	9.3	± 1.5	21.5	± 2.5
NE% %	58.0	± 11.0	60.5	± 11.0	67.0	± 11.0
NE# × 10 ³ /μL	2.4	± 0.5	5.6	± 1.1	14.4	± 2.4
LY% %	23.0	± 10.0	23.5	± 10.0	19.0	± 10.0
LY# × 10 ³ /μL	1.0	± 0.5	2.2	± 1.0	4.1	± 2.2
MO% %	9.0	± 9.0	8.5	± 8.5	8.0	± 8.0
MO# × 10 ³ /μL	0.4	± 0.4	0.8	± 0.8	1.7	± 1.7
EO% %	9.0	± 9.0	6.5	± 6.5	5.0	± 5.0
EO# × 10 ³ /μL	0.4	± 0.4	0.6	± 0.6	1.1	± 1.1
BA% %	1.0	± 1.0	1.0	± 1.0	1.0	± 1.0
BA# × 10 ³ /μL	0.1	± 0.1	0.1	± 0.1	0.2	± 0.2
RBC × 10 ⁶ /μL	2.55	± 0.12	3.97	± 0.18	5.41	± 0.24
HGB g/dL	6.7	± 0.4	11.9	± 0.5	17.4	± 0.8
HGB g/L	67	± 4	119	± 5	174	± 8
HGB mmol/L	4.2	± 0.3	7.4	± 0.3	10.8	± 0.5
HCT %	21.5	± 1.5	38.1	± 2.0	57.6	± 2.8
HCT L/L	0.215	± 0.015	0.381	± 0.020	0.576	± 0.028
MCV fL	84.5	± 5.0	96.0	± 5.0	106.5	± 5.0
MCH pg	26.3	± 1.8	30.0	± 1.8	32.2	± 1.8
MCH fmol	1.63	± 0.11	1.86	± 0.12	1.99	± 0.16
MCHC g/dL	31.1	± 2.4	31.2	± 2.4	30.2	± 2.4
MCHC g/L	311	± 24	312	± 24	302	± 24
MCHC mmol/L	19.3	± 2.3	19.4	± 1.8	18.7	± 1.8
RDW %	16.0	± 5.0	15.0	± 5.0	14.5	± 5.0
RDW-SD fL	50.0	± 10.0	52.0	± 10.0	57.0	± 10.0
PLT × 10 ³ /μL	80	± 20	255	± 40	490	± 65
MPV fL	9.0	± 2.0	8.8	± 2.0	8.5	± 2.0
* PCT %	0.075	± 0.030	0.220	± 0.050	0.405	± 0.080
* PCT mL/L	0.75	± 0.30	2.20	± 0.50	4.05	± 0.80
* PDW	17.0	± 3.0	17.0	± 3.0	17.0	± 3.0
NRBC # (10 ⁹ /L)		≤ 0.50	0.23	± 0.23	0.43	± 0.43
NRBC % (/100 WBC)		≤ 10.0	2.5	± 2.5	2.0	± 2.0

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.

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