

ASSAY VALUES AND EXPECTED RANGES

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

QCP DATA MONTHS:

MAR, APR, MAY



2024-06-05

Parameter	LEVEL 1		LEVEL 2		LEVEL 3	
	LOT	128711110	LOT	138821110	LOT	148631110
	Mean	Range	Mean	Range	Mean	Range
WBC × 10 ³ /μL	4.4	± 1.0	9.2	± 1.5	21.4	± 2.5
NE% %	53.5	± 11.0	58.0	± 11.0	68.0	± 11.0
NE# × 10 ³ /μL	2.3	± 0.5	5.3	± 1.1	14.6	± 2.4
LY% %	27.0	± 10.0	26.0	± 10.0	20.5	± 10.0
LY# × 10 ³ /μL	1.2	± 0.5	2.4	± 1.0	4.4	± 2.2
MO% %	9.0	± 9.0	8.5	± 8.5	6.5	± 6.5
MO# × 10 ³ /μL	0.4	± 0.4	0.8	± 0.8	1.4	± 1.4
EO% %	9.5	± 9.5	6.5	± 6.5	4.0	± 4.0
EO# × 10 ³ /μL	0.4	± 0.4	0.6	± 0.6	0.9	± 0.9
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	2.48	± 0.12	4.02	± 0.18	5.30	± 0.24
HGB g/dL	6.4	± 0.4	12.2	± 0.5	17.1	± 0.8
HGB g/L	64	± 4	122	± 5	171	± 8
HGB mmol/L	4.0	± 0.3	7.6	± 0.3	10.6	± 0.5
HCT %	20.7	± 1.5	39.4	± 2.0	56.4	± 2.8
HCT L/L	0.207	± 0.015	0.394	± 0.020	0.564	± 0.028
MCV fL	83.5	± 5.0	98.0	± 5.0	106.5	± 5.0
MCH pg	25.8	± 1.8	30.3	± 1.8	32.3	± 1.8
MCH fmol	1.60	± 0.11	1.88	± 0.12	2.00	± 0.16
MCHC g/dL	30.9	± 2.4	31.0	± 2.4	30.3	± 2.4
MCHC g/L	309	± 24	310	± 24	303	± 24
MCHC mmol/L	19.2	± 2.3	19.2	± 1.8	18.8	± 1.8
RDW %	18.5	± 5.0	14.5	± 5.0	13.5	± 5.0
RDW-SD fL	55.5	± 10.0	53.5	± 10.0	56.0	± 10.0
PLT × 10 ³ /μL	84	± 20	263	± 40	448	± 65
MPV fL	8.1	± 2.0	8.1	± 2.0	8.0	± 2.0
* PCT %	0.070	± 0.030	0.210	± 0.050	0.370	± 0.080
* PCT mL/L	0.70	± 0.30	2.10	± 0.50	3.70	± 0.80
* PDW	17.5	± 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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