

Please visit the webpage www.biotechne.com to
Download all the files and follow the installation procedure for your
analyzer.

4

LOT B0522

2022-08-05

ASSAY VALUES AND EXPECTED RANGES
VALEURS CIBLES ET INTERVALLES DE VARIATIONS

QCP Data Months : May, June, July
Mois de Contrôle : Mai, Juin, Juillet

Instruments : HORIBA ABX (1)		CONTROL L		CONTROL M		CONTROL M	
Instrument	Parameter / Paramètre	LOT	B0522	LOT	B0522	LOT	B0522
		Mean Moyenne	Limit Limite	Mean Moyenne	Limit Limite	Mean Moyenne	Limit Limite
HORIBA ABX	WBC/GB	10 ⁹ /L & 10 ⁹ /L	2.6 ± 0.5	7.7 ± 1.2	20.1 ± 2.5		
	RBC/GR	10 ¹² /L & 10 ¹² /L	2.25 ± 0.15	4.70 ± 0.18	5.70 ± 0.25		
	Hgb	g/dL	6.1 ± 0.4	13.8 ± 0.6	18.3 ± 0.8		
	Hct	%	6.1 ± 1	13.8 ± 0.6	18.3 ± 0.8		
	PLT	10 ⁹ /L	3.79 ± 0.25	8.57 ± 0.37	11.36 ± 0.50		
	MPV	fL	16.4 ± 2.5	38.8 ± 3.0	51.6 ± 3.5		
	PDW	%	0.164 ± 0.025	0.388 ± 0.030	0.516 ± 0.035		
	MCV	fL	73 ± 5	83 ± 5	91 ± 5		
	MCH	pg	27.1 ± 3.0	29.1 ± 3.0	32.1 ± 3.0		
	MCHC	g/dL	1.65 ± 0.19	1.82 ± 0.19	1.99 ± 0.19		
MICROS ES60 MICROS 60	RDW	%	37.2 ± 3.5	35.6 ± 3.5	35.5 ± 3.5		
	RDW-SD	fL	37.2 ± 3.5	35.6 ± 3.5	35.5 ± 3.5		
	RDW-CV	%	23.1 ± 2.2	22.1 ± 2.2	22.0 ± 2.2		
	RDW-IRV	%	16.0 ± 5.0	16.0 ± 5.0	16.0 ± 5.0		
	RDW-IVR	%	80 ± 20	260 ± 40	510 ± 70		
	RDW-IVS	%	8.9 ± 3.0	8.3 ± 3.0	7.9 ± 3.0		
	RDW-IVT	%	0.071 ± 0.040	0.216 ± 0.060	0.403 ± 0.100		
	RDW-IVP	%	0.71 ± 0.40	2.16 ± 0.60	4.03 ± 1.00		
	RDW-IVD	%	14.5 ± 7.0	14.5 ± 7.0	14.5 ± 7.0		
	RDW-IVM	%	65.0 ± 10.0	34.5 ± 8.0	15.5 ± 6.0		
BAYER ADVIA 60*	LYM%	%	9.5 ± 9.0	7.0 ± 6.0	5.0 ± 4.0		
	MON%	%	25.5 ± 8.0	58.5 ± 8.0	79.5 ± 7.0		
	GRA%	%	1.30 ± 0.20	2.70 ± 0.60	3.10 ± 1.20		
	LYM#	10 ⁹ /L & 10 ⁹ /L	0.20 ± 0.20	0.50 ± 0.40	1.00 ± 0.80		
	MON#	10 ⁹ /L & 10 ⁹ /L	0.50 ± 0.20	4.50 ± 0.60	16.00 ± 1.40		
	GRA#	10 ⁹ /L & 10 ⁹ /L	0.50 ± 0.20	4.50 ± 0.60	16.00 ± 1.40		

(N) CONTROL

RESULTS

DATE: 20/07/2022
ID : 1
SEQ.# : 8
STARTUP PASSED

TIME :

WBC : 8.1 10⁹ /mm³
RBC : 4.89 10¹² /mm³
HGB : 13.3 g/dl
HCT : 38.7 %
PLT : 281 10⁹ /mm³
PCT : .290 %

MCV : 79 μm³
MCH : 27.2 pg
MCHC : 34.3 g/dl
RDW : 12.0 %
MPV : 10.3 μm³
PDW : 14.3 %

DIFF :
%LYM : 27.5 %
%MON : 6.6 %
%GRA : 65.9 %

#LYM : 2.2 10⁹ /mm³
#MON : 0.5 10⁹ /mm³
#GRA : 5.4 10⁹ /mm³

Date : 2nd August 2021

CERTIFICATE OF CALIBRATION

This is to state that the HORIBA Medical ABX Micros 60 system bearing serial number 106OT99645 Installed at DR. BATRA LABORATORY, VADODARA was calibrated by us using ABX Mino cal, Lot No. CX 462

Subsequently, Controls were run satisfactorily with all values falling within the respective range.

The next calibration is due on or before 1st August 2022.

Parameter	Unit	Target Value	reading of calibrator					Mean Value	Tolerances	C.V	Calibration factor	
			Old	New								
WBC	103/mm ³	9.2	8.9	8.9	9.0	9.0	9.1	9.0	± 0.2	0.7	0.98	1.00
RBC	106/mm	4.56	4.37	4.39	4.44	4.40	4.42	4.41	± 0.06	0.4	0.80	0.83
HGB	g/dl	13.7	13.3	13.3	13.6	13.5	13.4	13.4	± 0.3	0.8	1.29	1.32
HCT	%	39.7	37.3	37.5	37.9	37.5	37.9	37.7	± 1.0	0.5	0.98	1.03
PLT	103/mm ³	245	240	235	232	246	237	238	± 10	2.2	1.10	1.13
MPV	um ³	9.2	8.4	8.4	8.6	8.2	8.6	8.5	± 0.50	1.7	0.93	1.01

This is to certify that the above mentioned product has been verified of calibration for CBC 5 Parameters (WBC, RBC, HGB, HCT and PLT) according to the standard procedures provided by HORIBA Medicals, France.

The reference instruments used for value- assignment are managed by the traceability system in Horiba Bio medicals and these are traceable to the International standards, such as ICSH.

Mr. Chetan patel
(Service Manager)

Patel C.
ACE TECHNOLOGIES
NAVSAARI, GUJARAT
235273
249355

