

# UBM

GSTIN: 29AOTPP1452J1ZB

## UNITRON BIOMEDICALS

AN ISO 9001: 2015 CERTIFIED COMPANY

Mfrs, Sales, Service of Medical Instruments & Diagnostics Reagents

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### CERTIFICATE OF CALIBRATION FOR HEMATOLOGY ANALYZER

Issued To: **FOCUS DIAGNOSTICS, RAJAJINAGAR**

Location /Dept : Laboratory

Manufacturer : URIT

Certificate No : UBM/CAL/01

Model : Cellcounter FX-19T

Serial No : 3020ET03559

Calibration Standard used in house Performance of standards /controls using accepted test Proceeds.

Sl. No	Description	Test Pass/Fail	Remarks
1	Cell counter FX-19T	Pass	Working Good

Calibration Passed: Yes

No:

Calibration Date : 04.02.2022

Calibration Due Date : 03.07.2022

The above mentioned instrument has been calibrated using standards manufactures recommended Protocols, using equipments having traceability to National Standards. Devices for which there are no National/International Standards calibrations standards are measured against in-house performance standards using accepted test procedures.

Calibration Done By

Approved By



# Haematology RML QC cycle II

LAB CODE = 2405

10/03/2022

## FOCUS DIAGNOSTIC

### Hematology Analysis Report

ID:RML QC HAEMATOLOGY

Name:Q C CYCLE '11 R 2

Time:10/03/2022 12:30

PARAM.	RESULT	Info
WBC	11.6 10 <sup>9</sup> /L	H
LYM%	42.9 %	H
MID%	7.4 %	
GRAN%	49.7 %	L
LYM#	4.9 10 <sup>9</sup> /L	H
MID#	0.8 10 <sup>9</sup> /L	
GRAN#	5.9 10 <sup>9</sup> /L	
RBC	4.14 10 <sup>12</sup> /L	
HGB	11.9 g/dL	
HCT	35.1 %	
MCV	84.9 fL	
MCH	28.7 pg	
MCHC	33.9 g/dL	
RDW_CV	19.9 %	H
RDW_SD	46.3 fL	
PLT	259 10 <sup>9</sup> /L	
MPV	7.1 fL	
PCT	0.18 %	
P_LCR	8.7 %	L
P_LCC	22 10 <sup>9</sup> /L	
PDW	8.3 fL	L

29/03/2022

## FOCUS DIAGNOSTIC

### Hematology Analysis Report

ID:2

Name:Q C

Time:29/03/2022 14:39

PARAM.	RESULT	Info
WBC	7.6 10 <sup>9</sup> /L	
LYM%	31.6 %	
MID%	9.4 %	
GRAN%	59.0 %	
LYM#	2.4 10 <sup>9</sup> /L	
MID#	0.7 10 <sup>9</sup> /L	
GRAN#	4.5 10 <sup>9</sup> /L	
RBC	4.67 10 <sup>12</sup> /L	
HGB	13.7 g/dL	
HCT	36.6 %	
MCV	78.5 fL	L
MCH	29.3 pg	
MCHC	37.4 g/dL	H
RDW_CV	19.4 %	H
RDW_SD	40.1 fL	
PLT	221 10 <sup>9</sup> /L	
MPV	11.0 fL	
PCT	0.24 %	
P_LCR	42.8 %	
P_LCC	94 10 <sup>9</sup> /L	
PDW	9.3 fL	

30/3/2022

## FOCUS DIAGNOSTIC

### Hematology Analysis Report

ID:qc

Name:

Time:30/03/2022 08:20

PARAM.	RESULT	Info
WBC	7.4 10 <sup>9</sup> /L	
LYM%	30.8 %	
MID%	6.5 %	
GRAN%	62.7 %	
LYM#	2.2 10 <sup>9</sup> /L	
MID#	0.4 10 <sup>9</sup> /L	
GRAN#	4.8 10 <sup>9</sup> /L	
RBC	4.66 10 <sup>12</sup> /L	
HGB	13.6 g/dL	
HCT	35.8 %	
MCV	77.0 fL	L
MCH	29.1 pg	
MCHC	37.9 g/dL	H
RDW_CV	19.8 %	H
RDW_SD	39.4 fL	
PLT	223 10 <sup>9</sup> /L	
MPV	10.9 fL	
PCT	0.24 %	
P_LCR	41.7 %	
P_LCC	92 10 <sup>9</sup> /L	
PDW	9.3 fL	

31/03/2022

Uy/2022

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FOCUS DIAGNOSTIC

Hematology Analysis Report

ID:QC	Name:	Time:	PARAM.	RESULT	Info
		31/03/2022 08:21			
WBC	7.7		10 <sup>9</sup> /L		
LYM%	31.9		%		
MID%	10.1		%		
GRAN%	58.0		%		
LYM#	2.4		10 <sup>9</sup> /L		
MID#	0.7		10 <sup>9</sup> /L		
GRAN#	4.6		10 <sup>9</sup> /L		
RBC	4.80		10 <sup>12</sup> /L		
HGB	14.3		g/dL		
HCT	37.5		%		
MCV	78.3		fL	L	
MCH	29.7		pg		
MCHC	38.1		g/dL	H	
RDW_CV	19.5		%	H	
RDW_SD	39.4		fL		
PLT	217		10 <sup>9</sup> /L		
MPV	11.1		fL		
PCT	0.24		%		
P_LCR	44.5		%		
P_LCC	96		10 <sup>9</sup> /L		
PDW	9.3		fL		

FOCUS DIAGNOSTIC

Hematology Analysis Report

ID:QC	Name:	Time:	PARAM.	RESULT	Info
		01/04/2022 07:54			
WBC	7.7		10 <sup>9</sup> /L		
LYM%	31.6		%		
MID%	9.0		%		
GRAN%	59.4		%		
LYM#	2.4		10 <sup>9</sup> /L		
MID#	0.6		10 <sup>9</sup> /L		
GRAN#	4.7		10 <sup>9</sup> /L		
RBC	4.66		10 <sup>12</sup> /L		
HGB	13.8		g/dL		
HCT	36.7		%		
MCV	78.9		fL	L	
MCH	29.6		pg		
MCHC	37.6		g/dL	H	
RDW_CV	20.0		%	H	
RDW_SD	40.1		fL		
PLT	216		10 <sup>9</sup> /L		
MPV	11.3		fL		
PCT	0.24		%		
P_LCR	47.1		%	H	
P_LCC	101		10 <sup>9</sup> /L		
PDW	9.9		fL		

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2/4/22

FOCUS DIAGNOSTIC

Hematology Analysis Report

ID:QC	Name:	Time:	PARAM.	RESULT	Info
		02/04/2022 07:18			
WBC	7.4		10 <sup>9</sup> /L		
LYM%	31.8		%		
MID%	7.2		%		
GRAN%	61.0		%		
LYM#	2.3		10 <sup>9</sup> /L		
MID#	0.5		10 <sup>9</sup> /L		
GRAN#	4.6		10 <sup>9</sup> /L		
RBC	4.88		10 <sup>12</sup> /L		
HGB	14.3		g/dL		
HCT	38.7		%		
MCV	79.5		fL	L	
MCH	29.3		pg		
MCHC	36.9		g/dL	H	
RDW_CV	19.9		%	H	
RDW_SD	40.1		fL	H	
PLT	230		10 <sup>9</sup> /L		
MPV	11.4		fL		
PCT	0.26		%		
P_LCR	46.2		%		
P_LCC	106		10 <sup>9</sup> /L	H	
PDW	9.6		fL		

2/4/2022

FOCUS DIAGNOSTIC

Hematology Analysis Report

ID:QC	Name:	Time:	PARAM.	RESULT	Info
		03/04/2022 10:55			
WBC	7.2		10 <sup>9</sup> /L		
LYM%	31.6		%		
MID%	7.8		%		
GRAN%	60.6		%		
LYM#	2.2		10 <sup>9</sup> /L		
MID#	0.5		10 <sup>9</sup> /L		
GRAN#	4.5		10 <sup>9</sup> /L		
RBC	4.61		10 <sup>12</sup> /L		
HGB	13.6		g/dL		
HCT	36.3		%		
MCV	78.9		fL		
MCH	29.5		pg	H	
MCHC	37.4		g/dL	H	
RDW_CV	20.0		%		
RDW_SD	39.4		fL		
PLT	212		10 <sup>9</sup> /L		
MPV	11.1		fL		
PCT	0.23		%		
P_LCR	43.6		%		
P_LCC	92		10 <sup>9</sup> /L		
PDW	9.6		fL		

4/4/2022

5/4/2022

YOUVA

FOCUS DIAGNOSTIC

Hematology Analysis Report

ID: Q R M L	Name	Time: 04/04/2022 07:58	PARAM.	RESULT	Info
WBC	7.8		10 <sup>9</sup> /L		
LYM%	32.0		%		
MID%	8.8		%		
GRAN%	59.2		%		
LYM#	2.4		10 <sup>9</sup> /L		
MID#	0.6		10 <sup>9</sup> /L		
GRAN#	4.6		10 <sup>9</sup> /L		
RBC	4.66		10 <sup>12</sup> /L		
HGB	13.8		g/dL		
HCT	36.9		%		
MCV	79.3		fL	L	
MCH	29.6		pg		
MCHC	37.3		g/dL	H	
RDW_CV	19.2		%	H	
RDW_SD	39.4		fL		
PLT	212		10 <sup>9</sup> /L		
MPV	11.3		fL		
PCT	0.23		%		
P_LCR	48.4		%	H	
P_LCC	102		10 <sup>9</sup> /L		
PDW	9.6		fL		

Hematology Analysis Report

ID: Q R M L	Name	Time: 05/04/2022 07:57	PARAM.	RESULT	Info
WBC	7.5		10 <sup>9</sup> /L		
LYM%	31.6		%		
MID%	8.7		%		
GRAN%	59.7		%		
LYM#	2.3		10 <sup>9</sup> /L		
MID#	0.6		10 <sup>9</sup> /L		
GRAN#	4.6		10 <sup>9</sup> /L		
RBC	4.66		10 <sup>12</sup> /L		
HGB	13.9		g/dL		
HCT	37.0		%		
MCV	79.6		fL	L	
MCH	29.8		pg		
MCHC	37.5		g/dL	H	
RDW_CV	19.2		%	H	
RDW_SD	39.4		fL		
PLT	222		10 <sup>9</sup> /L		
MPV	11.3		fL		
PCT	0.25		%		
P_LCR	46.8		%	H	
P_LCC	103		10 <sup>9</sup> /L		
PDW	9.3		fL		

6/4/2022

09/4/2022

FOCUS DIAGNOSTIC

Hematology Analysis Report

ID: R M L Q C	Name	Time: 06/04/2022 08:05	PARAM.	RESULT	Info
WBC	7.5		10 <sup>9</sup> /L		
LYM%	31.4		%		
MID%	8.3		%		
GRAN%	60.5		%		
LYM#	2.3		10 <sup>9</sup> /L		
MID#	0.6		10 <sup>9</sup> /L		
GRAN#	4.6		10 <sup>9</sup> /L		
RBC	4.68		10 <sup>12</sup> /L		
HGB	14.0		g/dL		
HCT	37.2		%		
MCV	79.6		fL	L	
MCH	29.9		pg		
MCHC	37.6		g/dL	H	
RDW_CV	19.2		%	H	
RDW_SD	40.1		fL	H	
PLT	212		10 <sup>9</sup> /L		
MPV	11.5		fL		
PCT	0.24		%		
P_LCR	49.8		%	H	
P_LCC	105		10 <sup>9</sup> /L		
PDW	9.9		fL		

FOCUS DIAGNOSTIC

Hematology Analysis Report

ID: R M L Q E	Name	Time: 07/04/2022 08:29	PARAM.	RESULT	Info
WBC	7.6		10 <sup>9</sup> /L		
LYM%	31.7		%		
MID%	8.6		%		
GRAN%	59.7		%		
LYM#	2.4		10 <sup>9</sup> /L		
MID#	0.6		10 <sup>9</sup> /L		
GRAN#	4.6		10 <sup>9</sup> /L		
RBC	4.71		10 <sup>12</sup> /L		
HGB	13.9		g/dL		
HCT	37.5		%		
MCV	79.7		fL	L	
MCH	29.3		pg		
MCHC	37.2		g/dL	H	
RDW_CV	19.3		%	H	
RDW_SD	40.1		fL		
PLT	215		10 <sup>9</sup> /L		
MPV	11.4		fL		
PCT	0.24		%		
P_LCR	47.8		%	H	
P_LCC	102		10 <sup>9</sup> /L		
PDW	9.8		fL		

08/04/2022

09/04/22

Date:   
 Y0002

FOCUS DIAGNOSTIC

Hematology Analysis Report

ID:RMLQC  
Name:  
Time:08/04/2022 08:01

PARAM.	RESULT	Info
WBC	7.1 10 <sup>9</sup> /L	
LYM%	32.9 %	
MID%	9.1 %	
GRAN%	58.0 %	
LYM#	2.4 10 <sup>9</sup> /L	
MID#	0.6 10 <sup>9</sup> /L	
GRAN#	4.4 10 <sup>9</sup> /L	
RBC	4.60 10 <sup>12</sup> /L	
HGB	13.8 g/dL	
HCT	36.6 %	
MCV	79.7 fL	L
MCH	30.0 pg	
MCHC	37.7 g/dL	H
RDW_CV	18.5 %	H
RDW_SD	40.1 fL	
PLT	208 10 <sup>9</sup> /L	
MPV	11.3 fL	
PCT	0.23 %	
P_LCR	47.5 %	
P_LCC	98 10 <sup>9</sup> /L	H
PDW	9.9 fL	

FOCUS DIAGNOSTIC

Hematology Analysis Report

ID:RMLQC  
Name:  
Time:09/04/2022 08:28

PARAM.	RESULT	Info
WBC	7.6 10 <sup>9</sup> /L	
LYM%	32.1 %	
MID%	9.1 %	
GRAN%	58.8 %	
LYM#	2.4 10 <sup>9</sup> /L	
MID#	0.6 10 <sup>9</sup> /L	
GRAN#	4.6 10 <sup>9</sup> /L	
RBC	4.67 10 <sup>12</sup> /L	
HGB	14.2 g/dL	
HCT	37.2 %	
MCV	79.8 fL	L
MCH	30.4 pg	
MCHC	38.1 g/dL	H
RDW_CV	19.1 %	H
RDW_SD	39.4 fL	
PLT	223 10 <sup>9</sup> /L	
MPV	11.3 fL	
PCT	0.25 %	
P_LCR	45.5 %	
P_LCC	101 10 <sup>9</sup> /L	H
PDW	9.6 fL	

09/04/22

11/04/22

FOCUS DIAGNOSTIC

Hematology Analysis Report

ID:RML  
Name:  
Time:10/04/2022 07:53

PARAM.	RESULT	Info
WBC	7.5 10 <sup>9</sup> /L	
LYM%	31.7 %	
MID%	9.1 %	
GRAN%	59.2 %	
LYM#	2.3 10 <sup>9</sup> /L	
MID#	0.6 10 <sup>9</sup> /L	
GRAN#	4.6 10 <sup>9</sup> /L	
RBC	4.70 10 <sup>12</sup> /L	
HGB	14.0 g/dL	
HCT	37.5 %	
MCV	79.8 fL	L
MCH	29.7 pg	
MCHC	37.3 g/dL	H
RDW_CV	19.1 %	H
RDW_SD	39.4 fL	
PLT	217 10 <sup>9</sup> /L	
MPV	11.1 fL	
PCT	0.24 %	
P_LCR	44.0 %	
P_LCC	95 10 <sup>9</sup> /L	
PDW	9.6 fL	

FOCUS DIAGNOSTIC

Hematology Analysis Report

ID:QC  
Name:  
Time:11/04/2022 08:47

PARAM.	RESULT	Info
WBC	7.8 10 <sup>9</sup> /L	
LYM%	31.7 %	
MID%	7.8 %	
GRAN%	60.5 %	
LYM#	2.4 10 <sup>9</sup> /L	
MID#	0.6 10 <sup>9</sup> /L	
GRAN#	4.8 10 <sup>9</sup> /L	
RBC	4.83 10 <sup>12</sup> /L	
HGB	14.3 g/dL	
HCT	38.6 %	
MCV	80.1 fL	
MCH	29.6 pg	
MCHC	37.0 g/dL	H
RDW_CV	19.1 %	H
RDW_SD	39.4 fL	
PLT	240 10 <sup>9</sup> /L	
MPV	11.4 fL	
PCT	0.27 %	
P_LCR	47.2 %	H
P_LCC	113 10 <sup>9</sup> /L	
PDW	9.9 fL	

12/4/22

13/4/22

### FOCUS DIAGNOSTIC

#### Hematology Analysis Report

ID:QC	Name:	Time:12/04/2022 08:13	Info
PARAM.	RESULT		
WBC	7.7	10 <sup>9</sup> /L	
LYM%	32.6	%	
MID%	8.0	%	
GRAN%	59.4	%	
LYM#	2.5	10 <sup>9</sup> /L	
MID#	0.6	10 <sup>9</sup> /L	
GRAN#	4.6	10 <sup>9</sup> /L	
RBC	4.81	10 <sup>12</sup> /L	
HGB	14.3	g/dL	
HCT	38.5	%	
MCV	80.2	fL	
MCH	29.7	pg	
MCHC	37.1	g/dL	H
RDW_CV	19.0	%	H
RDW_SD	40.7	fL	
PLT	257	10 <sup>9</sup> /L	
MPV	11.6	fL	
PCT	0.29	%	H
P_LCR	48.3	%	H
P_LCC	124	10 <sup>9</sup> /L	
PDW	10.2	fL	

### FOCUS DIAGNOSTIC

#### Hematology Analysis Report

ID:	Name:QC	Time:13/04/2022 13:08	Info
PARAM.	RESULT		
WBC	7.5	10 <sup>9</sup> /L	
LYM%	32.7	%	
MID%	9.0	%	
GRAN%	58.3	%	
LYM#	2.4	10 <sup>9</sup> /L	
MID#	0.6	10 <sup>9</sup> /L	
GRAN#	4.5	10 <sup>9</sup> /L	
RBC	4.91	10 <sup>12</sup> /L	
HGB	14.6	g/dL	
HCT	39.2	%	
MCV	79.9	fL	L
MCH	29.7	pg	
MCHC	37.2	g/dL	H
RDW_CV	19.8	%	H
RDW_SD	40.7	fL	
PLT	242	10 <sup>9</sup> /L	
MPV	11.4	fL	
PCT	0.27	%	
P_LCR	47.4	%	H
P_LCC	114	10 <sup>9</sup> /L	
PDW	10.2	fL	

14/4/22

15/4/22