

Date: 02/12/2023

CALIBRATION CERTIFICATE

This is to certify that the Hematology analyzer HORIBA Yumizen H500 bearing serial no: - 308YODH06066 at Morris Mathis Hospital ,355, K.P Road , Nagercoil,Tamil Nadu 629,001 ,was calibrated with CX493, Expiry of 05/01/2024, on 02/12/2023.

The CV of repeatability check, carryover, calibrator and control values were all found within range.

New coefficients were calibrated and the instrument is working satisfactorily.

Next calibration is due on 01/12/2024.

Calibration done by:

For HORIBA MEDICAL

HORIBA INDIA PVT LIMITED



R. NINEESH

Customer Service Executive.

GSTIN : 33AASFV8952A1ZV

Mob : 73737 14725
73730 14725



VIJAYALAKSHMI ENTERPRISES

No.6, Vyshnavi Complex, Ranga Konar Street, Kattoor, Coimbatore - 641 009. Tamil Nadu
E-mail : cbevijayalakshmienterprises@gmail.com

Calibration Certificate for Ichroma II

Customer Name: Morris Mathias Hospital,
Address :Nagerkoil

Instrument:Ichroma ii
Model: PoctEquipment
Make:Boditech,Kore
Serialno:IR2AA150347

Date of Calibration:09.05.2024
Due of Calibration: 08.05.2025

Powersupply	Expectedvoltage	MeasuredVoltage
PhasetoNeutral:	115v-240v	232v
Neutraltoearth:	Below5v	1v
Earthtophase:	115v-240v	231v
DcVoltagesRange	MeasuredVoltage	Adjustments
12V DC +/-0.25V	12.01v	

DisplayAdjustment-Notrequired

Motormovement:Workinggood

CatridgeTray: Ok Moving belt:Ok
Measuringunit: Ok SystemCatridge:ok
Measuringunitsensor:Ok Printer:Ok
Displaycheck:Ok

Problemsif any
Nil

InstrumentWorkingonitsSpecification.



SignatureofEngineer


CustomerSignature

10th June 2024

CALIBRATION CERTIFICATE

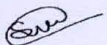
This is to certify that the Blood Gas, Electrolyte's analyzer model ABL90 FLEX Bearing Serial No: 090R0784N0007 installed in your Bio-Chemistry Department has been calibrated 10th June 2024.

The calibration values are as follows:

Parameter	Actual Value		Range	Electrode Status
pH	Status	59.3 mV	-50 – 250 mV	OK
	Sensitivity	97.6 %	85 – 105 %	
pCO2	Status	95.3 mV	-50 – 250 mV	OK
	Sensitivity	80.5%	60 – 105 %	
pO2	Sensitivity	-4.3 mmHg	-20 – 20 mmHg	OK
	Zero	92 %	85 – 105 %	
K+	Status	249.4 mV	150 – 350 mV	OK
	Sensitivity	102.1 %	85 – 105 %	
Na +	Status	262.8 mV	150 – 350 mV	OK
	Sensitivity	93.9 %	85 – 105 %	
Ca++	Status	246.9 mV	200 – 400 mV	OK
	Sensitivity	95.1 %	85 – 105 %	
Cl	Status	-14.1 mV	-50 – 100 mV	OK
	Sensitivity	89.6 %	75 – 100 %	
Glu	Status	416 pA	0 – 3000 pA	OK
	Sensitivity	365.6 pA/mM	100 – 2000 pA/mmol/L	
Lac	Status	436 pA	0 – 3000 pA	OK
	Sensitivity	745.6 pA/mM	100 – 2000 pA/mmol/L	

The next calibration due is on or before 09th June 2025.

For DHR Holding India Private Limited.



Subash S
 Service Engineer.

CALIBRATION CERTIFICATE

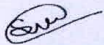
This is to certify that the Blood Gas / Electrolytes Analyzer

Model : ABL 90 FLEX
Manufacturer : Radiometer, Denmark
S. No : 090R0784N0007

Installed at Morris Mathias Hospital, Nagercoil has been calibrated on 10th June 2024 and found working satisfactorily.

The next calibration is due on or before 09th June 2025.

For DHR Holding India Pvt Ltd



Subash S
Service Engineer.




CALIBRATION CERTIFICATE

Instrument Name : Beckman Coulter Bio Chemistry Analyzer AU480.
Instrument Serial Number : 2015084404
Installed at : MORRIS MATHIAS HOSPITAL , NAGERCOIL
Calibration Date : 05/12/2023
Next Calibration Due on : 04/12/2024

Photometric Check

Requirement : All O.Ds be less than 1.5

Wavelength	OD	Result
340	1.0458	Passed
380	0.8206	Passed
410	0.7885	Passed
450	0.8235	Passed
480	0.6409	Passed
520	0.6471	Passed
540	0.7323	Passed
570	0.8452	Passed
600	0.9415	Passed
660	0.7239	Passed
700	0.6857	Passed
750	0.6178	Passed
800	0.5740	Passed


S. Ashwin Kumar
Senior Service Engineer

RADIOMETER 

DHR Holding India Private Limited
104, DBS Business House, 31-A,
Cathedral Garden road, Nungambakkam,
Chennai-600034
PH:044 40509200-104

CALIBRATION CERTIFICATE

This is to certify that the Immuno Assay Analyser

Model : AQT 90 FLEX
Manufacturer : Radiometer, Denmark
S. No : 838-R0543N0009
Location : Biochemistry Lab

Installed at Department of Biochemistry Lab – Morris Mathias Hospital : Nagercoil Immuno Analyzer has been calibrated particular parameter, Calibration cartridge for Every Individual Lot of Tnop-I, Ntprobnp calibration passed found working satisfactorily. Calibration Start Date: 4-2-2024

Next Calibration Due on 3-2-2025

For DHR Holding India Pvt Ltd



K. Harikrishnan,
Service Lead Projects



Peerless Biotech Pvt. Ltd.

(Registered under The Companies Act, 1956)
Regd. Office: Block-C, 36/37, Millennium House, M.K. Srinivasan
Nagar Main Road, Rajiv Gandhi Salai, Perungudi, Chennai- 600 096,
Tamil Nadu, India. Phone : 044 2496 0541, 044 2454 1688
Email : info@peerlessbio.com Website : www.peerlessbio.com

CERTIFICATE OF CALIBRATION

Calibration Date : 13-12-2023

Next Calibration : 12-12-2024

Certificate No : 202312056

Name of the Instrument : Erythrocyte Sedimentation Rate Analyzer

Model : AutoLab ESR 10

Make : Sperogenx Biosciences Pvt Ltd

Serial No : AL1022020122

Customer Address : Morris Mathias Hospital,
Nagercoil,
Tamil Nadu.



Reviewed by:

for
[Signature]

Hari Haran

BDO

NOTE: Only for Audit Purpose.

Admin Office: #99 & 100, Nehru Nagar, Industrial Estate, 2nd Link Street, Kottivakkam, Chennai- 600041, Tamil Nadu, India.
#46, M.K. Srinivasan Nagar Main Road, Rajiv Gandhi Salai, Perungudi, Chennai - 600096, Tamil Nadu, India.
Manufacturing Unit: DP 74, UNIT I & II, Perungudi Industrial Estate, Perungudi, Chennai - 600096, Tamil Nadu, India.
CIN : U51397TN2001PTC047094 | GST : 33AACCP1722H1ZV | PAN : AACCP1722H

ISO 13485 : 2016 Certified Company



To Whom It May Concern

For ISO 15189:2012 and ISO 15189:2014 accredited Laboratories — requirements regarding "Calibration & Verification Procedures" [1]

All In vitro Diagnostics Products which are manufactured and distributed by Roche Diagnostics GmbH and for which a Free-Sales-Certificate is issued, are CE-marked.

The In-Vitro-Diagnostics Directive of the European Union [2A.] which is currently switching to IVD Regulation 2017/746/EU (final timeline: May 26, 2022) [2B.] requires for all CE marked products that the manufacturer assures compliance of the products with the requirements of the mentioned directive or regulation. This means that all processes in development and manufacturing of Roche Diagnostics GmbH products are guided by a Quality Management System. Our Quality Management System is in compliance with the requirements from ISO 13485:2016 [3] and 21 CFR Part 820 [4].

The mentioned regulations and standards require that the production systems and measuring devices used are qualified and the manufacturing and test procedures are validated. This status has to be assured by scheduled maintenance and by regular qualification resp. validation reviews and updates.

All physical quantities, calibrators and controls used in Roche Diagnostic systems are fully traceable to certified standards or reference materials. The performance of all In-vitro diagnostics systems of Roche Diagnostics GmbH at the customer site is assured if regular Quality Control measurements, cleaning and maintenance procedures as described in the instructions for use or service documentation are performed. By having controlled internal procedures and by running the tasks required in the respective user documentation, all In-vitro diagnostics systems of Roche Diagnostics GmbH will be performed as specified during their defined lifetime.

Additional calibration or verification procedures are NOT required of the user in order to assure the specified performance of every system of Roche Diagnostics GmbH. Only if a user deviates from these manufacturer's recommendations, the user have to establish site-specific calibration and verification procedures as part of his accreditation process.



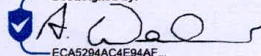
- [1] ISO 15189:2012/ ISO 15189:2014 Medical laboratories — Requirements for quality and competence
- [2] A. Directive 98/79/EC of the European Parliament and of the Council of the 27 October 1998 on vitro diagnostics medical devices;
B. IVD Regulation 2017/746/EU of the European Parliament and of the Council of 5 April 2017 on in vitro diagnostic medical devices and repealing Directive 98/79/EC and Commission Decision 2010/227/EU
- [3] EN ISO 13485:2016 Medical devices — Quality management systems-Requirements for regulatory purposes
- [4] CFR Part 820, Quality System regulations 21 Regulations on medical devices

Mannheim, 4. August 2021

Sincerely,

Roche Diagnostics GmbH

i.V. / on behalf of the company

DocuSigned by:

ECA5294AC4E94AF...

Andrea Weber
Manager Global Regulatory Affairs

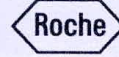
Roche Diagnostics GmbH
Sandhofer Straße 116
D-68305 Mannheim

i.V. / on behalf of the company

DocuSigned by:

7AE1EF88C3F0440...

Stefan Grigarczik
Manager Global Regulatory Affairs



Case number CAS-0017363683

Order Number WO-07374089 | Ser. Report Created Date 30/06/2023

Instrument Details	Customer details
Instrument/Module cobas e 411	Customer Number 0052010837
Serial Number 0905-18	Customer Name MORRIS MATHIAS HOSPITAL NAGERCOIL
Internal Instrument Name	Street Address DR. MATIAS NAGAR
Additional Details	Zip 629001 - NAGARCOIL
	Contact Name Ms Heartly
	Contact Phone +918903255136

Service Activity Code PM Visit

Purpose of Visit
PM cobas e 411 Major

Performed Activities
Clean the instrument and replay the pm kits and performed lfo ,system volume check and mc preparation .Run the qc and sample instrument working fine

Time Report

Category	Start	End	Hours	Invoice Type
05913816001-Service labour time	30/06/2023 1:00 pm	30/06/2023 4:48 pm	3.80	Free of Charge

Travel

Category	Hours
Travel	2

Customer Parts Used


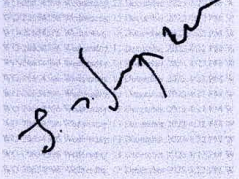
Part Number	Description	Quantity
08153094001-KIT SERVICE E411 12 MONTH	KIT SERVICE E411 12 MONTH	1
07938071001-KIT MAINTENANCE E2010 / E411 6 MONTHS	KIT MAINTENANCE E2010 / E411 6 MONTHS	1

Signature

Customer Signature
Dilip Kumar

Roche support
Sarun P

Sign Here



The customer acknowledges the service intervention as performed in accordance with Roche recommendations

- This Service report has been signed by the authorized representative of your organization.
- Discrepancies if any must be intimated within a period of seven (7) days of the receipt of the email, in the absence of which the report will be final and conclusive.
- This report shall be governed by the laws of India and the courts at Mumbai shall have the exclusive jurisdiction to deal with the disputes arising hereunder.

Customer Support Center No

Toll Free No: 1800-123-7599 || Phone No: 044-43900345 || (Mon to Sat 8 AM to 8 PM)

e-mail: customersupportcenterindia@roche.com || Roche DiaLog:

<https://dialog.roche.com>

Service Report Version Number: 1

Thank You



Case number CAS-0019593456

Order Number WO-26806427 | Ser. Report Created Date 13/06/2024

Instrument Details

Instrument/Module cobas e 411
Serial Number 0905-18

Internal Instrument Name

Additional Details

Customer details

Customer Number 0052010837
Customer Name MORRIS MATHIAS
HOSPITAL NAGERCOIL
Street Address DR. MATIAS NAGAR
Zip 629001 - NAGARCOIL
Contact Name Ms Shyny
Contact Phone +918903255136

Service Activity Code PM Visit

Purpose of Visit

Pm visit

Performed Activities

Clean the instrument and replaced the pm kits and performed liquid flow check, measuring cell preparation and system volume check. Found instrument is working fine . Observed sample and qc run

Time Report

Category	Start	End	Hours	Invoice Type
05913616001-Service labour time	13/06/2024 7:30 am	13/06/2024 11:24 am	3.90	Free of Charge

Travel

Category	Hours
Travel	1.5

Spare Parts

Part Number	Description	Quantity	Invoice Type
08153094001-KIT SERVICE E411 12 MONTH	KIT SERVICE E411 12 MONTH	1	Free of Charge
07938071001-KIT MAINTENANCE E2010 / E411 6 MONTHS	KIT MAINTENANCE E2010 / E411 6 MONTHS	1	Free of Charge



May,22, 2024

Calibration Certificate

Name of the customer	MORRIS MATHIAS HOSPITAL, NAGERCOIL
Make	Beckman Coulter
Product Name	DxH 800 – Hematology Analyzer
Serial No	RBD 02107

This is to certify that the cell counter installed at the above mentioned customer site has been calibrated with DxH 800 series S- calibrator (Lot no: 113162630)

SL No	Procedures	Parameter	Remarks
1	Startup	WBC/RBC/HGB/PLT	PASS
2	Reproducibility	WBC/RBC/HGB/MCV/RDW/PLT/MPV	PASS
3	Carryover	WBC/RBC/HGB/PLT	PASS
4	QC Trilevel	WBC/RBC/HGB/HCT/PLT/DIFF	PASS
5	Calibration cal (Lot No113162630)	WBC/RBC/HGB/MCV/PLT/MPV	PASS

Date of Calibration : 22/05/2024	Due date for Calibration: 21/05/2025
---	---

For Beckman Coulter India Private Limited

Authorized Signatory

Dr.MORRIS MATHIAS
HOSPITAL,355 K.P ROAD

Daily Checks Summary Report
PH: 04652-2779902,279905

Dr.MATHIAS NAGER.
NAGERCOIL-629001

Instrument Name:	DxH-800	Operator:	SvcAdmin	Procedure Type:	Daily Checks
-------------------------	---------	------------------	----------	------------------------	--------------

Summary 05/22/2024 02:36:39 PM

Daily Checks Status PASS

Performed By SvcAdmin

Reviewed By

Last Shutdown Date/Time 05/22/2024 03:00:02 AM

System	Background	Supplies	CBC	DIFF	RETIC	NRBC
PASS	PASS	PASS	PASS	PASS	PASS	PASS

Instrument: DxH-800 **Finished by:** SvcAdmin **Panel:** CBC
Presentation: CASSETTE **Date/Time:** 05/22/2024 02:47 PM
Procedure State: Finished

Ex.	Date	Time	WBC	RBC	HGB	MCV	RDW	RDW-SD	PLT	MPV
N	05/22/2024	02:47 PM	7.879	3.975	12.24	92.99	13.11	42.88	267.5	7.45
N	05/22/2024	02:46 PM	8.046	3.995	12.24	92.72	13.33	43.75	261.7	7.44
N	05/22/2024	02:45 PM	8.040	3.967	12.25	92.49	13.25	43.31	261.5	7.39
N	05/22/2024	02:45 PM	7.960	4.001	12.22	93.09	13.28	43.31	264.2	7.42
N	05/22/2024	02:44 PM	7.987	3.993	12.28	93.11	13.41	43.75	264.3	7.51
N	05/22/2024	02:43 PM	8.004	4.000	12.25	92.55	13.17	42.88	266.6	7.47
N	05/22/2024	02:43 PM	7.992	3.987	12.21	92.87	13.37	43.75	265.8	7.53
N	05/22/2024	02:42 PM	7.912	3.996	12.22	93.10	13.39	43.75	264.3	7.37
N	05/22/2024	02:42 PM	7.961	4.017	12.18	92.90	13.20	42.88	265.5	7.42
N	05/22/2024	02:41 PM	7.996	4.017	12.27	92.53	13.17	43.31	269.8	7.45

Summary Statistics:		WBC	RBC	HGB	MCV	RDW	RDW-SD	PLT	MPV
N		10	10	10	10	10	10	10	10
Mean		7.978	3.995	12.24	92.83	13.27	43.36	265.1	7.44
2SD		0.105	0.032	0.06	0.49	0.21	0.77	5.1	0.10
%CV		0.66	0.40	0.24	0.26	0.78	0.88	0.95	0.68
Minimum		7.879	3.967	12.18	92.49	13.11	42.88	261.5	7.37
Maximum		8.046	4.017	12.28	93.11	13.41	43.75	269.8	7.53
Diff		0.168	0.051	0.10	0.61	0.29	0.88	8.3	0.16

Repeatability - Whole Blood CBC, DIFF, Retic (N=10)

Parameter	Units	Range	Limit
WBC	x10 ³ cells/ μ L	0.500–2.000	\leq 5.0% CV
		5.000–10.000	\leq 3.0% CV
RBC	x10 ⁶ cells/ μ L	4.500–5.500	\leq 1.5% CV
HGB	g/dL	14.00–16.00	\leq 1.5% CV
MCV	fL	80.00–90.00	\leq 1.0% CV
RDW	%	12.00–14.00	\leq 2.5% CV
RDW-SD	fL	33.00–48.00	\leq 2.5% CV
PLT	x10 ³ cells/ μ L	10.0–15.0	\leq 12.0% CV
		200.0–400.0	\leq 3.5% CV
MPV	fL	8.0–10.0	\leq 2.5% CV @PLT > 100x10 ³ cells/ μ L

Panel:	CBC	Procedure State:	Completed	Instrument:	DxH-800
Presentation:	CASSETTE	Carryover Status:	Passed	Date/Time:	05/22/2024 02:54 PM
				Performed By:	SvcAdmin

	Date	Time	WBC	RBC	HGB	PLT	DIFF	NRBC	RETIC
Whole Blood 1	05/22/2024	02:50 PM	8.115	4.023	12.22	274.0			
Whole Blood 2	05/22/2024	02:51 PM	7.925	3.998	12.26	267.7			
Whole Blood 3	05/22/2024	02:51 PM	7.949	3.995	12.21	265.6			
Diluent 1	05/22/2024	02:52 PM	0.013	0.001	0.05	0.6			
Diluent 2	05/22/2024	02:53 PM	0.003	0.000	0.02	0.4			
Diluent 3	05/22/2024	02:54 PM	0.004	0.000	0.01	0.2			
Summary Statistics:			WBC	RBC	HGB	PLT	DIFF	NRBC	RETIC
	Carryover Results		0.12%	0.03%	0.30%	0.16%			
	Pass/Fail	PASS	PASS	PASS	PASS				

Dr.MORRIS MATHIAS
HOSPITAL,355 K.P ROAD

CBC Calibration Summary Report
PH: 04652-2779902,279905

Dr.MATHIAS NAGER.
NAGERCOIL-629001

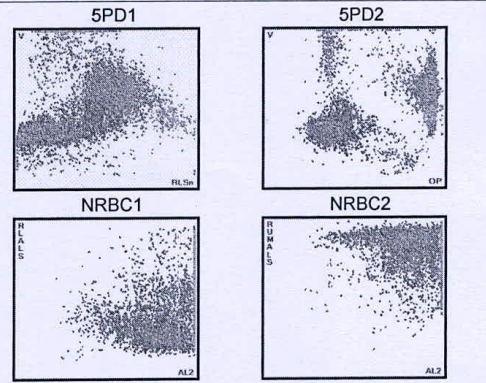
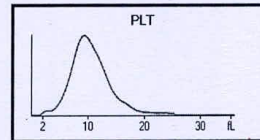
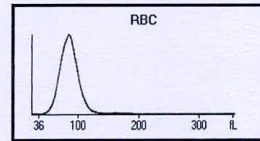
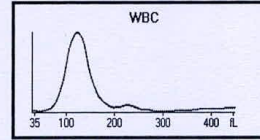
Instrument:	DxH-800	Presentation:	CASSETTE
Lot Number:	113162630	Number of runs:	10
Expiration Date:	05/25/2024	Procedure State:	Finished
Calibrator Type:	BCI Control	Finished by:	SvcAdmin
		Date/Time:	05/22/2024 03:21 PM

Ex.	Date	Time	WBC	RBC	HGB	MCV	PLT	MPV
No	05/22/2024	03:19 PM	8.966	4.165	12.50	90.40	216.1	10.69
No	05/22/2024	03:18 PM	9.041	4.113	12.56	90.49	214.0	10.71
No	05/22/2024	03:17 PM	8.946	4.152	12.56	89.99	215.0	10.63
No	05/22/2024	03:16 PM	8.843	4.139	12.51	90.04	220.1	10.71
No	05/22/2024	03:16 PM	8.870	4.191	12.60	89.86	213.1	10.75
No	05/22/2024	03:15 PM	8.928	4.172	12.60	90.28	214.4	10.65
No	05/22/2024	03:15 PM	8.797	4.182	12.54	89.99	214.9	10.66
No	05/22/2024	03:14 PM	8.931	4.154	12.48	89.89	217.2	10.73
No	05/22/2024	03:13 PM	8.873	4.152	12.54	90.47	211.7	10.60
No	05/22/2024	03:13 PM	8.998	4.212	12.52	90.59	218.0	10.80

Summary Statistics:			WBC	RBC	HGB	MCV	PLT	MPV
	Mean		8.919	4.163	12.54	90.20	215.5	10.69
	Reference		9.000	4.150	12.70	91.20	217.0	10.40
	%CV		0.83	0.67	0.33	0.31	1.15	0.56
	Factor % Diff		0.90	-0.32	1.28	1.11	0.71	-2.75
	Difference		0.081	0.013	0.16	1.00	1.5	0.29
	In use Cal Factor		1.130	1.045	0.955	0.955	0.977	0.934
	New Cal Factor		1.140	1.042	0.967	0.966	0.984	0.908
	Calibration Recommended		NN	NN	R	NN	NN	NN
	Instrument Calibrated		CALIBRATEC	CALIBRATEC	CALIBRATEC	CALIBRATEC	CALIBRATEC	CALIBRATEC

Lot Number: 123175380	Exp. Date: 06/01/2024	LIS Status: Not Sent
Source: BCI	Instrument: DxH-800	Shift: 2
Control Type: COULTER® 6C Cell	Tube Pos ID: 00031	System Messages:
Level: Level 1	Run Date/Time: 05/22/2024 03:28:40 PM	
Excluded: No	Presented By: SYSTEM	
Presentation: Cassette	Reviewed By: SvcAdmin	
	Review Date/Time: 05/22/2024 03:29 PM	

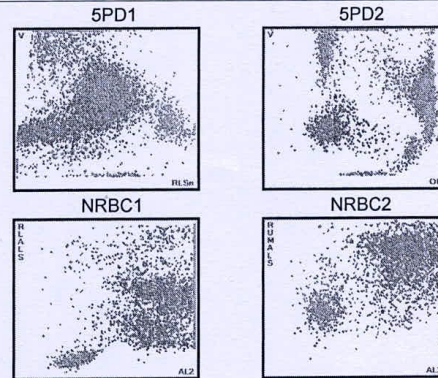
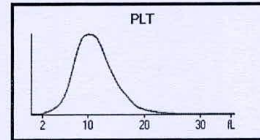
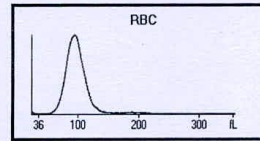
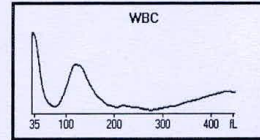
Test	Result	Flags	Units	Upper Limit	Lower Limit
WBC	3.3		10 ³ /uL	3.9	2.7
RBC	1.58		10 ⁶ /uL	1.71	1.49
HGB	4.3		g/dL	4.7	4.1
HCT	13.2		%	14.9	11.9
MCV	83.7		fL	88.7	78.7
MCH	27.3		pg	30.1	24.9
MCHC	32.6		g/dL	37.3	28.3
RDW	16.8		%	19.3	14.3
RDW-SD	50.3		fL	60.4	38.4
PLT	70		10 ³ /uL	86	56
MPV	9.7		fL	11.7	7.7
NE	45.6		%	48.7	38.7
LY	43.4		%	52.4	40.4
MO	7.6		%	9.1	3.1
EO	3.3		%	6.8	0.8
BA	0.1		%	0.5	0.0
NE#	1.5		10 ³ /uL	2.3	0.7
LY#	1.5		10 ³ /uL	2.3	0.7
MO#	0.3		10 ³ /uL	0.5	0.0
EO#	0.1		10 ³ /uL	0.6	0.0
BA#	0.0		10 ³ /uL	0.1	0.0
NRBC	0.2		/100WBC	1.5	0.0
NRBC#	0.01		10 ³ /uL	0.06	0.00



Comments: INF/DAT Filename:
2024-05-22T15-28-40_123175380_00031_84001

Lot Number: 133185380	Exp. Date: 06/02/2024	LIS Status: Not Sent
Source: BCI	Instrument: DxH-800	Shift: 2
Control Type: COULTER® 6C Cell	Tube Pos ID: 00032	System Messages:
Level: Level 2	Run Date/Time: 05/22/2024 03:29:13 PM	
Excluded: No	Presented By: SYSTEM	
Presentation: Cassette	Reviewed By: SvcAdmin	
	Review Date/Time: 05/22/2024 03:29 PM	

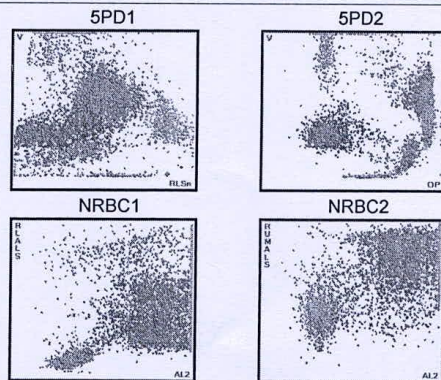
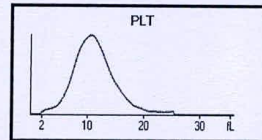
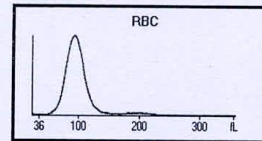
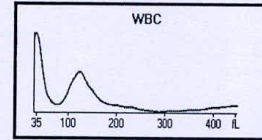
Test	Result	Flags	Units	Upper Limit	Lower Limit
WBC	19.0		10 ³ /uL	20.2	17.6
RBC	3.74		10 ⁶ /uL	3.84	3.54
HGB	11.4		g/dL	12.0	10.8
HCT	34.3		%	35.6	31.8
MCV	91.7		fL	95.7	86.7
MCH	30.5		pg	32.5	29.3
MCHC	33.3		g/dL	36.0	31.6
RDW	15.1		%	17.0	12.0
RDW-SD	50.8		fL	59.2	37.2
PLT	399		10 ³ /uL	452	362
MPV	10.3		fL	12.1	8.1
NE	64.9		%	69.2	59.2
LY	15.0		%	20.9	10.9
MO	14.5		%	17.1	11.1
EO	5.5		%	8.7	2.7
BA	0.1		%	0.6	0.0
NE#	12.3		10 ³ /uL	16.1	8.1
LY#	2.9		10 ³ /uL	5.5	0.5
MO#	2.8		10 ³ /uL	4.7	0.7
EO#	1.0		10 ³ /uL	3.1	0.0
BA#	0.0		10 ³ /uL	0.1	0.0
NRBC	7.8		/100WBC	9.7	5.7
NRBC#	1.49		10 ³ /uL	1.80	1.20



Comments: INF/DAT Filename:
2024-05-22T15-29-13_133185380_00032_84002

Lot Number: 143195380	Exp. Date: 06/03/2024	LIS Status: Not Sent
Source: BCI	Instrument: DxH-800	Shift: 2
Control Type: COULTER® 6C Cell	Tube Pos ID: 00033	System Messages:
Level: Level 3	Run Date/Time: 05/22/2024 03:30:16 PM	
Excluded: No	Presented By: SYSTEM	
Presentation: Cassette	Reviewed By: SvcAdmin	
	Review Date/Time: 05/22/2024 03:30 PM	

Test	Result	Flags	Units	Upper Limit	Lower Limit
WBC	8.9		10 ³ /uL	9.5	8.1
RBC	5.27		10 ⁶ /uL	5.60	5.14
HGB	15.5		g/dL	16.5	15.1
HCT	47.5		%	51.3	44.3
MCV	90.1		fL	93.5	84.5
MCH	29.3		pg	31.2	27.6
MCHC	32.6		g/dL	36.0	30.2
RDW	15.5		%	17.6	12.6
RDW-SD	51.6		fL	60.5	38.5
PLT	212		10 ³ /uL	241	191
V	10.5		fL	12.3	8.3
NE	59.7		%	60.7	50.7
LY	22.7		%	32.6	22.6
MO	9.0		%	11.6	5.6
EO	8.5		%	12.0	4.0
BA	0.1		%	0.6	0.0
NE#	5.3		10 ³ /uL	6.9	2.9
LY#	2.0		10 ³ /uL	4.0	0.8
MO#	0.8		10 ³ /uL	1.6	0.0
EO#	0.8		10 ³ /uL	2.1	0.0
BA#	0.0		10 ³ /uL	0.1	0.0
NRBC	18.3		/100WBC	21.1	15.1
NRBC#	1.62		10 ³ /uL	1.90	1.30



Comments: INF/DAT Filename:
2024-05-22T15-30-16_143195380_00033_84003

Table of Expected Results

113162630	LOT
2024-05-25	



UniCel
DxH
Reagents

UniCel DxH Reagents	US Units	Parameters
9.0	$\times 10^3/\mu\text{L}$	WBC
4.15	$\times 10^6/\mu\text{L}$	RBC
12.7	g/dL	HGB
91.2	fL	MCV
217	$\times 10^3/\mu\text{L}$	PLT
10.4	fL	MPV



◆ DxH Reagents for use on DxH 800 / 600 / 900 / 690T



Beckman Coulter, the stylized logo, and the Beckman Coulter product and service marks mentioned herein are trademarks or registered trademarks of Beckman Coulter, Inc. in the United States and other countries. Printed in USA. Made in USA. © 2023 Beckman Coulter, Inc. All Rights Reserved



UniCel
DxH ECO
Reagents

UniCel DxH ECO Reagents	US Units	Parameters
9.0	$\times 10^3/\mu\text{L}$	WBC
4.16	$\times 10^6/\mu\text{L}$	RBC
12.7	g/dL	HGB
91.2	fL	MCV
217	$\times 10^3/\mu\text{L}$	PLT
10.4	fL	MPV



♣ DxH ECO Reagents for use on DxH 900 / 690T



Beckman Coulter, Inc.
250 S. Kraemer Blvd.
Brea, CA 92821 U.S.A.
www.beckmancoulter.com

