

Notification No.	
Work Order No.	

SERVICE REPORT

CUSTOMER COPY

HIN/M0922/ 14210

CUSTOMER DETAILS	INSTRUMENT DETAILS			SERVICE STATUS
NAME : <i>Dipin Dey</i>	MODEL : <i>Y111200 11550</i>			VISITING PURPOSE : <input type="checkbox"/> REPAIR <input type="checkbox"/> DATE ERROR <input type="checkbox"/> INSTALLATION <input type="checkbox"/> MAINTENANCE <input type="checkbox"/> UPGRADE <input type="checkbox"/> CUSTOMER TRAINING <input type="checkbox"/> COURTESY VISIT <input type="checkbox"/> DEMO <input type="checkbox"/> OTHERS <i>Calibrator</i>
ADDRESS : <i>c/o J.R. Prasad Hospital, Goolbongla Gunge, Jorhat, Assam</i>	EQUIP. SL. No. : <i>2006YAXH03046</i>			
PIN CODE <i>781003</i>	VERSION : <i>3.1.4</i>			CUSTOMER STATUS : <input type="checkbox"/> R.R. <input type="checkbox"/> WARRANTY <input type="checkbox"/> AMC <input type="checkbox"/> CMC <input type="checkbox"/> DEMO <input type="checkbox"/> FREE SERVICE <input type="checkbox"/> CHARGEABLE <input type="checkbox"/> OTHERS CALL
CITY <i>Prayagraj</i>	NOTIFICATION No.	DATE	TIME	
STATE <i>U.P.</i>	CALL DETAILS			WORKS CARRIED OUT AT <input type="checkbox"/> SITE <input type="checkbox"/> SERVICE CENTRE
TEL. NO. : <i>19110622970</i>	COMPLAINT RECD.			
CONTACT PERSON : <i>Mr. Pradyot</i>	START	<i>26-7-24</i>	<i>5:30 P</i>	
	COMPLETED	<i>26-7-24</i>	<i>9:00 P</i>	
	TRAVEL TIME (Eng. 1)	<i>4 hrs</i>	HOURS	
	TRAVEL TIME (Eng. 2)		HOURS	
	DAILY WORKLOAD	<i>45+</i>	<i>PD</i>	

PROBLEM REPORTED : *Pr. & calibration*

OBSERVATIONS :

ACTION TAKEN : *Power off and check the pin of battery then done calibration checked and done calibration and do full check/ sample heart. Working fine*

FOLLOWING PARTS HAVE BEEN REPLACED FOLLOWING PARTS NEED TO BE REPLACED PLEASE APPROVE

PART CODE	DESCRIPTION (Replaced)	QTY.	COST	TAX	TOTAL
<i>1300102062</i>	<i>P.m. kut. 411556</i>	<i>1</i>	<i>Payroll Order R.R.</i>	<i>---</i>	<i>---</i>

PART CODE	DESCRIPTION (Replaced)	QTY.	TOTAL RS.
<i>Calibrator</i>	<i>MINOR - (BT-CY49) C-18 - 5-9-2014</i>		

*Replaced for Trouble Shooting
Need to be returned after Trouble Shooting.

FOLLOW-UP ACTION (Spare need to replaced, if any)		TO BE FILLED IN BY CUSTOMER	
<i>Next visit on 26/7/2025</i>		<input type="checkbox"/> FAULT RECTIFIED & INSTRUMENT IS WORKING SATISFACTORILY	
<i>Next calibration on 29/7/2025</i>		<input type="checkbox"/> FAULT IS NOT COMPLETED, ENGINEER NEED TO COME AGAIN	
		<input type="checkbox"/> WE HEREBY APPROVE Rs.	
		<input type="checkbox"/> COMMENTS (IF ANY)	
ENGINEER'S NAME-1: SIGNATURE: DATE & TIME:	ENGINEER'S NAME-2: SIGNATURE: DATE & TIME:	CUSTOMER SIGNATURE : NAME :	SEAL :

Blank Cycle Logs

Running Date Comments	Operator	WBC 10 ³ /μL	RBC 10 ⁹ /μL	HGB g/dL	PLT 10 ³ /μL	Status	Technical alarms
26/07/2024 10:31:27 AM	LUPIN	0.00	0.00	0.0	0	Passed	
26/07/2024 10:44:22 PM	technician	0.07	0.00	0.0	3	Passed	

Repeatability Report (part 1)

Number of repeatability run report selected for statistic calculation 7/8

Coefficient	WBC (10 ³ /μL)	RBC (10 ⁶ /μL)	HGB (g/dL)	HCT (%)	PLT (10 ³ /μL)	MCV (μm ³)	RDW-CV (%)	RDW-SD (μm ³)	P-LCR (%)
Minimum	7.59	3.95	10.5	30.9	199	78.2	12.4	38.6	43.0
Maximum	8.02	4.04	10.7	31.6	225	78.6	12.7	39.5	47.1
Mean	7.77	3.99	10.6	31.3	218	78.4	12.6	39.1	45.0
Difference	0.44	0.08	0.2	0.7	26	0.4	0.3	0.8	4.1
2 SD	0.28	0.06	0.1	0.5	18	0.3	0.2	0.9	3.1
CV(%)	1.77	0.73	0.68	0.82	4.05	0.19	0.87	1.15	3.43

Sel	Run Date &Time	WBC (10 ³ /μL)	RBC (10 ⁶ /μL)	HGB (g/dL)	HCT (%)	PLT (10 ³ /μL)	MCV (μm ³)	RDW-CV (%)	RDW-SD (μm ³)	P-LCR (%)	Operator
	26/07/2024 10:50:05 PM	8.30	3.99	10.6	31.3	211	78.5	12.7	39.5	44.9	technician
✓	26/07/2024 10:51:38 PM	7.77	3.96	10.6	30.9	199	78.2	12.6	38.6	47.1	technician
✓	26/07/2024 10:53:10 PM	7.81	3.95	10.7	31.0	220	78.3	12.6	39.5	46.7	technician
✓	26/07/2024 10:54:42 PM	8.02	3.99	10.5	31.3	221	78.4	12.7	39.5	44.4	technician
✓	26/07/2024 10:56:11 PM	7.81	3.99	10.6	31.2	225	78.2	12.7	39.5	43.9	technician
✓	26/07/2024 10:57:41 PM	7.67	4.00	10.6	31.5	216	78.6	12.4	38.6	44.1	technician
✓	26/07/2024 10:59:13 PM	7.72	4.04	10.6	31.6	225	78.3	12.6	39.5	43.0	technician
✓	26/07/2024 11:00:48 PM	7.59	4.00	10.6	31.4	217	78.5	12.5	38.6	45.7	technician

Repeatability Report (part 2)

Number of repeatability run report selected for statistic calculation 7/8

Coefficient	NEU% (%)	LYM% (%)	MON% (%)	EOS% (%)	BAS% (%)	LIC% (%)
Minimum	60.7	26.6	5.4	2.3	0.7	0.3
Maximum	64.1	29.6	6.9	2.9	1.4	0.5
Mean	62.1	28.0	6.3	2.6	1.0	0.4
Difference	3.4	3.0	1.5	0.6	0.7	0.2
2 SD	2.4	2.4	1.0	0.5	0.4	0.1
CV(%)	1.95	4.27	7.88	9.32	21.34	17.89

Sel	Run Date &Time	NEU% (%)	LYM% (%)	MON% (%)	EOS% (%)	BAS% (%)	LIC% (%)	Operator
	26/07/2024 10:50:05 PM	61.3	28.9	6.1	2.8	0.9	0.5	technician
✓	26/07/2024 10:51:38 PM	64.1	26.6	6.0	2.4	0.9	0.4	technician
✓	26/07/2024 10:53:10 PM	61.3	29.6	5.4	2.5	1.2	0.4	technician
✓	26/07/2024 10:54:42 PM	62.3	27.6	6.7	2.3	1.1	0.3	technician
✓	26/07/2024 10:56:11 PM	62.5	26.7	6.5	2.9	1.4	0.3	technician
✓	26/07/2024 10:57:41 PM	60.7	29.3	6.5	2.8	0.7	0.4	technician
✓	26/07/2024 10:59:13 PM	60.8	28.5	6.9	2.8	1.0	0.4	technician
✓	26/07/2024 11:00:48 PM	62.7	27.5	6.4	2.4	1.0	0.5	technician

Calibration Report

Sample ID CX497
Lot number CX497

Name MINOCAL

Exp. date 05/09/2024
Modified on

Coefficient	WBC	RBC	HGB	HCT	PLT	MPV
New	1.115	1.052	1.038	1.074	1.104	0.981
Current	1.120	1.045	1.054	1.070	0.900	1.072
Target	8.90	4.53	12.7	37.1	238	10.8
Mean	8.94	4.50	12.9	36.7	194	11.8
CV(%)	0.95	1.32	0.62	1.29	3.16	1.22

Number of calibration run selected for coefficient calculation (minimum 5) 8/8

Sel.	Run Time	WBC (10 ³ /μL)	RBC (10 ⁶ /μL)	HGB (g/dL)	HCT (%)	PLT (10 ³ /μL)	MPV (μm ³)
✓	26/07/2024 11:07:13 PM	9.09	4.58	13.1 h	37.5	193 l	11.5 h
✓	26/07/2024 11:08:46 PM	8.83	4.55	13.0 h	36.9	201 l	11.8 h
✓	26/07/2024 11:11:53 PM	8.89	4.38 l	12.9	35.9 l	188 l	11.9 h
✓	26/07/2024 11:13:26 PM	8.89	4.51	12.8	36.7	194 l	11.7 h
✓	26/07/2024 11:14:57 PM	8.86	4.47	12.9	36.4	183 l	11.8 h
✓	26/07/2024 11:16:32 PM	8.96	4.53	12.9 h	36.8	200 l	11.7 h
✓	26/07/2024 11:18:02 PM	9.00	4.50	12.9 h	36.7	198 l	12.0 h
✓	26/07/2024 11:19:34 PM	8.96	4.49	12.9 h	36.5	197 l	11.7 h

QC - Control Run Report

Run Date 26/07/2024 11:27:29 PM

Operator technician

Name ABXdifftrol L

Sample ID PX448L

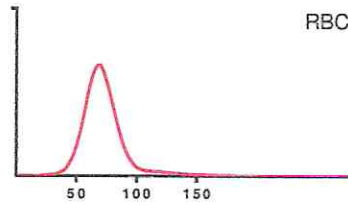
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Exp. date 05/09/2024

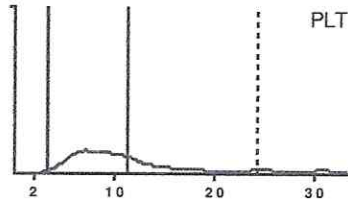
Lot number PX448L

			Range
RBC	2.35	10 ⁶ /μL	2.21 - 2.53
HGB	6.1	g/dL	5.6 - 6.4
HCT	18.3	%	16.9 - 19.9
MCV	77.7	μm ³	72.5 - 82.5
MCH	25.7	pg	23.3 - 27.3
MCHC	33.1	g/dL	29.7 - 35.7
RDW-CV	14.1	%	11.5 - 19.5

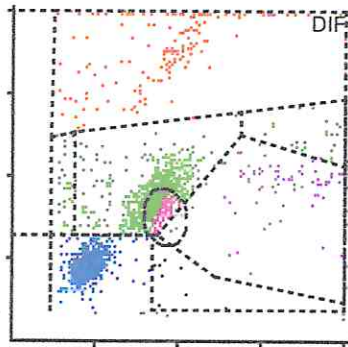
Alarms



			Range
PLT	71	10 ³ /μL	52 - 92
MPV	9.5	μm ³	7.8 - 11.8



			Range		Range
WBC	3.05	10 ³ /μL	2.60 - 3.40		
	#		Range	%	Range
NEU	1.24		0.87 - 1.57	40.5	30.5 - 50.5
LYM	1.21		0.77 - 1.43	39.6	24.5 - 48.5
MON	0.16		0.00 - 0.36	5.3	0.0 - 12.2
EOS	0.30		0.11 - 0.45	9.9	3.4 - 15.2
BAS	0.14		0.06 - 0.40	4.7	1.9 - 13.3



Raw Data

PLT counts (by sections)

S1	S2	S3	S4	S5	S6	S1	S2	S3	S4	S5	S6
78	94	86	88	87	92	2019	2094	2046	2109	2134	2130
S7	S8	S9	S10	S11	S12	S7	S8	S9	S10	S11	S12
87	71	87	95	101	107	2001	2114	2019	2140	2054	1985

RBC counts (by sections)

WBC counts (by sections) and others

S1	S2	S3	S4	S5	S6	LI1	LI2	LI3	LI4	LI5	LI6
217	202	210	201	205	182	3761	3760	3761	1934	1934	1933
S7	S8	S9	S10	S11		LI7	LI8	LI9	LI10	LI11	LI12
226	204	186	187	211		1933	1932	1932	1932	1932	1932
RMeasured :	2098					LI13					
Correlated :	2068					1931					
Optical intensity	192										

HBG measures (Optical intensity)

QC - Control Run Report

Run Date 26/07/2024 11:33:19 PM

Operator technician

Name ABXdifftrol H

Sample ID PX448H

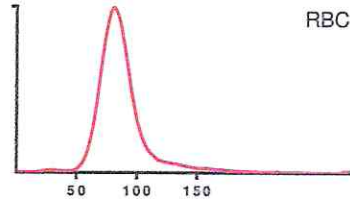
Level High

Exp. date 05/09/2024

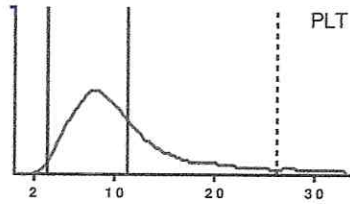
Lot number PX448H

			Range
RBC	5.09	10 ⁶ /μL	4.83 - 5.33
HGB	15.2	g/dL	14.7 - 15.9
HCT	46.9	%	44.0 - 49.0
MCV	92.2	μm ³	86.5 - 96.5
MCH	29.9	pg	27.6 - 32.6
MCHC	32.4	g/dL	29.9 - 35.9
RDW-CV	11.1	%	10.0 - 18.0

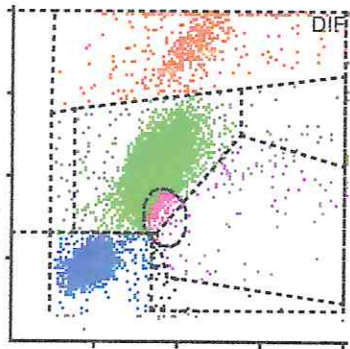
Alarms



			Range
PLT	497	10 ³ /μL	423 - 523
MPV	9.4	μm ³	7.6 - 11.6



			Range		Range
WBC	18.52	10 ³ /μL	16.15 - 20.55		
	#		Range	%	Range
NEU	12.78		10.56 -	69.1	57.9 - 77.9
LYM	4.15		2.59 - 5.59	22.4	14.3 - 30.3
MON	0.20		0.04 - 0.48	1.1	0.2 - 2.6
EOS	1.01		0.17 - 1.55	5.4	0.9 - 8.5
BAS	0.38		0.00 - 1.36	2.0	0.0 - 7.4



Raw Data

PLT counts (by sections)

S1	S2	S3	S4	S5	S6
393	436	436	415	404	422
S7	S8	S9	S10	S11	S12
398	386	420	425	433	440

RBC counts (by sections)

S1	S2	S3	S4	S5	S6
4209	4111	4262	4113	4208	4158
S7	S8	S9	S10	S11	S12
4060	4031	4053	4054	4063	4059

WBC counts (by sections) and others

S1	S2	S3	S4	S5	S6
1231	1206	1320	1221	1180	1217
S7	S8	S9	S10	S11	
1268	1118	1178	1236	1229	

HGB measures (Optical intensity)

LI1	LI2	LI3	LI4	LI5	LI6
3754	3754	3754	752	752	752
LI7	LI8	LI9	LI10	LI11	LI12
752	752	752	752	751	752
LI13					
752					

RMeasured : 10952

Correlated : 10920

Optical intensity 192