

Date: 09.12.2020

Effective Date: 09.12.2020

Certificate of Calibration

Customer Name: Victor Hospital Margao Gao 403601

Model : Automated Hematology Analyzer Sysmex XNL350

Serial No. : 12280

Calibration Done Date: 9.12.20

Next Calibration Due Date On or Before: 09.12.2021

Lab In-charge: . Dr Preetesh (Consultant Pathologist)

This is to certify that the above-mentioned product has been verified of calibration according to the standard procedures provided by Sysmex Corporation, Japan.

The reference instruments used for value-assignment are managed by the traceability system in Sysmex Corporation and these are traceable to the International Standards, such as ICSH.

Calibration at site performed by
Md Ilyas
Ser Engg.
Transasia Bio-Medicals Ltd
Mumbai

Encl:

1. Certificate of Inspection
2. Assay Sheet of Calibrator XN
3. Printouts
4. Traceability & Uncertainty document

Date: 09.12.20
Effective Date: 09.12.2020

Certificate of Inspection

1. Model: Automated Hematology Analyzer Sysmex XNL-350
2. Serial No.: 12280
3. Calibration Date: 09/12/2020
4. Material used: XN-CAL (Lot No. 0335 2101, Expiry date:03-Jan-2021)

By comparing your data to the results of the standard counters in Sysmex Corporation, the calibration for XN Analyzer parameters using the measurement standard material (XN-CAL) was completed. The calibration result of 10 runs is summarized in the following table. Please refer to the attached sheets for the details.

Technical Service Department
Transasia Bio-Medicals Ltd

5. BACKGROUND CHECK

PARAMETER	RESULT	Range
WBC-N	0.0	0.1×10^3 /uL or less
WBC-D	0.00	0.1×10^3 /uL or less
RBC	0.00	0.02×10^6 /uL or less
HGB	0.0	0.1g/dl or less
PLT	0	10×10^6 /uL or less

Technical Service Department
Transasia Bio-Medicals Ltd

VICTOR HOSPITAL TRANSASIA

TRANSASIA HOSPITAL LTD., TRANSASIA HOSPITAL, 8 GRANDIVALI STUDIO ROAD, ANDHERI (E) MUMBAI, 400 072
Tel: +91 22 4030 9000 Fax: +91 22 2857 3030
Emergency: +91 22 4030 9000 Web: www.victorhospital.com

Tel.: +91 832 672 8888

Fax: +91 832-2720078

Name:

2020/12/09 17:51

Doctor:

BACKGROUNDCHECK

Haem:

Age:

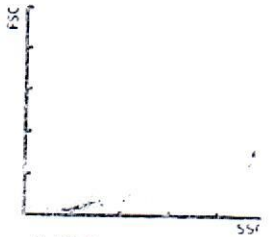
Test Done on Fully Automated

Part Cell Counter SYSMEX XNL-350

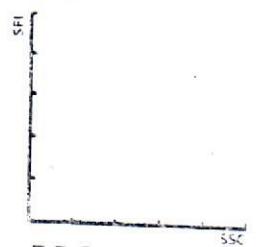
WBC	[10 ³ /uL]		
NEUT	[10 ³ /uL]	----	[%]
LYMPH	[10 ³ /uL]	----	[%]
EO	[10 ³ /uL]	----	[%]
MONO	[10 ³ /uL]	----	[%]
BASO	[10 ³ /uL]	----	[%]
IG	[10 ³ /uL]	----	[%]
HGB	[g/dL]		
RBC	[10 ⁶ /uL]		
HCT	[%]		
MCV	[fL]		
MCH	[pg]		
MCHC	[g/dL]		
PLT	[10 ³ /uL]		
RDW-SD	[fL]		
RDW-CV	[%]		
PDW	[fL]		
MPV	[fL]		
P-LCF	[%]		
PCT	[%]		

0	-	15.00)
0	-	72.0)
0	-	50.0)
0	-	6.0)
0	-	14.0)
0	-	1.0)
0	-	72.0)
0	-	17.0)
0	-	5.50)
0	-	50.0)
0	-	110.0)
0	-	38.0)
0	-	37.0)
0	-	400)
0	-	54.0)
0	-	16.0)
0	-	17.0)
0	-	13.0)
0	-	43.0)
0	-	0.35)

WDF-CBC



WDF



RBC



PLT



WBC IP Message

RBC IP Message

PLT IP Message

ESR (WINTRO) METHOD)-

PERIPHERAL smear -

Sample No BACKGROUNDCHECK

Dr. Preetesh Koti
MBBS, MD
(Consultant Pathologist)

00-14A 2020/12/09 19:06

Scanned by CamScanner



Data Browser 00-14A (Build 001) Logon Name: sysmex 2020/12/09(Wed) 17:55

Menu QC.File Explorer Browser Modify Validate Last Output Lower Delete

Not Validated BACKGROUNDCHECK WB 2020/12/09 17:51:47

Main Graph Q-Flag Service

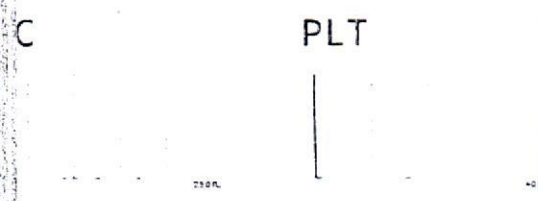
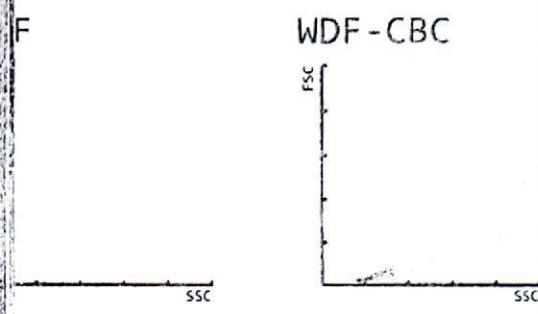
Item	Data	Unit	Item	Data	Unit	Flag(s)
WBC	0.00	10 ³ /uL	NEUT#	----	10 ³ /uL	
RBC	0.00	10 ⁶ /uL	LYMPH#	----	10 ³ /uL	
HGB	0.0	g/dL	MONO#	----	10 ³ /uL	
HCT	0.0	%	EO#	----	10 ³ /uL	
MCV	----	fL	BASO#	----	10 ³ /uL	
MCH	----	pg	NEUT%	----	%	
MCHC	----	g/dL	LYMPH%	----	%	
PLT	0	10 ³ /uL	MONO%	----	%	
RDW-SD	----	fL	EO%	----	%	
RDW-CV	----	%	BASO%	----	%	
PDW	----	fL	IG#	----	10 ³ /uL	
MPV	----	fL	IG%	----	%	
P-LCR	----	%				
PCT	----	%				

WB CBC DIFF >201869 Mode Manual

Sample No. GROUND CHECK
 Patient ID: [blank]
 Name: [blank]
 Sample Collection: [blank]

Pos: 2020/12/09 17:51:47
 Doctor: [blank]
 Birth: [blank] Sex: [blank]
 Nickname: XN-L VICTOR

WBC	[10 ³ /uL]		
RBC	[10 ⁶ /uL]		
HGB	[g/dL]		
HCT	[%]		
MCV	[fL]		
MCH	[pg]		
MCHC	[g/dL]		
PLT	[10 ³ /uL]		
RDW-S	[fL]		
RDW-CV	[%]		
PDW	[fL]		
MPV	[fL]		
P-LCR	[%]		
PCT	[%]		
NEUT	[10 ³ /uL]	----	[%]
LYMPH	[10 ³ /uL]	----	[%]
MONO	[10 ³ /uL]	----	[%]
EO	[10 ³ /uL]	----	[%]
BASO	[10 ³ /uL]	----	[%]
IG	[10 ³ /uL]	----	[%]



WBC IP Message

RBC IP Message

PLT IP Message

Precision g

Instrument Nickname: XN-L VICTOR

Execution Date: 12/09 18:08:07

Logon Name:

	WBC	RBC	HGB	HCT
No. 2	7.43	5.19	14.5	43
No. 3	7.47	5.18	14.6	43
No. 4	7.49	5.15	14.4	43
No. 5	7.44	5.15	14.5	42
No. 6	7.27	5.22	14.6	43
No. 7	7.48	5.16	14.5	43
No. 8	7.37	5.20	14.6	43
No. 9	7.43	5.21	14.7	43
No. 10	7.53	5.21	14.7	43
No. 11	7.48	5.19	14.6	43
Mean Value	7.439	5.186	14.57	43.0
SD	0.074	0.025	0.09	0.1
CV (%)	1.0	0.5	0.6	0
Limit (%)	3.0	1.5	1.0	1

(2020/12/09)

	WBC	RBC	HGB	HCT	PLT
No. 2	7.43	5.19	14.5	43.3	242
No. 3	7.47	5.18	14.6	43.5	239
No. 4	7.49	5.15	14.4	43.2	240
No. 5	7.44	5.15	14.5	42.9	233
No. 6	7.27	5.22	14.6	43.4	234
No. 7	7.48	5.16	14.5	43.0	232
No. 8	7.37	5.20	14.6	43.3	232
No. 9	7.43	5.21	14.7	43.2	239
No. 10	7.53	5.21	14.7	43.2	235
No. 11	7.48	5.19	14.6	43.1	233

Mean Value	7.439	5.186	14.57	43.26	235.9
SD	0.074	0.025	0.09	0.26	3.7
CV (%)	1.0	0.5	0.6	0.6	1.6
Limit (%)	3.0	1.5	1.0	1.5	4.0

Close

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Instrument Nickname: XN-L VICTOR

Calibration

0/12/09 18:25:28

Login Name

Material: CAL

Lot

03352101

Transasia Bio-Medicals Ltd., Transasia House, 8 Chandivali Studio Road, Andheri (E), Mumbai-400 072
 Tel: +91 22 4030 9000 Fax: +91 22 2857 3030

	WBC	RBC	HGB	HCT
Target	6.742	4.469	12.56	36
No. 1	6.71	4.49	12.6	36
No. 2	6.99	4.47	12.6	36
No. 3	6.95	4.51	12.5	36
No. 4	6.94	4.48	12.6	36
No. 5	6.87	4.46	12.5	35
No. 6	7.02	4.50	12.5	36
No. 7	7.03	4.47	12.5	36
No. 8	7.02	4.48	12.6	36
No. 10	6.91	4.54	12.6	36
No. 11	6.93	4.50	12.6	36
Range V	0.32	0.08	0.1	0
Max Ra	0.52	0.13	0.2	1
Mean Va	6.937	4.490	12.56	36
Delta Parc	2.81	0.47	0.00	0
Acceptable	2.27	1.25	0.78	2.0
Service Li	14.00	4.00	5.00	5.0
Current Ra	100.2	102.0	99.9	102
New Rate	97.4	102.0	99.9	102

XN CAL CL-03352101 (2020/12/09)

	WBC	RBC	WGB	HCT	PLT
Target	6.742	4.469	12.56	36.29	245.9
No. 2	6.71	4.49	12.6	36.1	249
No. 3	6.99	4.47	12.6	36.	249
No. 4	6.95	4.51	12.5	36.	250
No. 5	6.94	4.48	12.6	36.1	253
No. 6	6.87	4.46	12.5	35.9	242
No. 7	7.02	4.50	12.5	36.2	247
No. 8	7.03	4.47	12.5	36.1	244
No. 9	7.02	4.48	12.6	36.1	243
No. 10	6.91	4.54	12.6	36.5	243
No. 11	6.93	4.50	12.6	36.3	252

Mean Value	6.937	4.490	12.56	36.17	247.2
SD	0.096	0.024	0.05	0.16	4.0
CV (%)	1.4	0.5	0.4	0.4	1.6
Limit (%)	3.0	1.5	1.0	1.5	4.0

Close

< XN CAL™ ASSAY SHEET >

For XN-L s

Lot No. 03352101

Exp. Date 2021-0

	RBC	HGB		HCT	PLT
	10 ⁶ /μL	g/dL	mmol/L	%	10 ³ /μL
TARGET	4.469	12.56	7.79	36.29	245.9

	WBC-C	WBC-D	RET%	RBC-O	PLT-O
	10 ³ /μL	10 ³ /μL	%	10 ⁶ /μL	10 ³ /μL
TARGET	7.203	6.742	2.407	4.321	255.7

There are some parameters which is not displayed on IPU according to the instrument.

Please refer to the package insert for the handling of the XN CAL.

Do not leave caribrator in the room temperature over an hour.

Please store it in a refrigerator (2-8°C) immediately after use.

* : This refers to the validity of the assay values for service palameters.

** : Don't calibrate ** marked palameters.

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