

PARTICIPANT FINAL ASSESSMENT REPORT (SUMMARY)

PT SCHEME:HEMATOLOGY

Cycle No	C3
Ref.No.	NEUQAP189
Sample ID	NEUQAP HEM BLOOD/2021/9/C3/S9

Report Date : 18/10/2021

Sample : SEP 2021

All Methods

	Parameters	Labs (n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
1	TOTAL COUNT	43	1.64	10 ³ /c umm	4.12	1.15	0.219	2.17	Questionable
2	Neutrophils	40	6.80	%	48.30	19.99	3.951	2.08	Questionable
3	Lymphocyte	40	83.90	%	39.23	16.75	3.310	2.67	Questionable
4	HEMOGLOBIN	46	12.30	g/dL	12.05	0.23	0.043	1.07	Satisfactory
5	RBC	47	3.94	10 ⁶ /c umm	3.84	0.07	0.013	1.33	Satisfactory
6	MCV	47	94.20	fl	96.91	2.50	0.456	1.09	Satisfactory
7	ANC	32	0.11	10 ³ /c umm	2.32	1.12	0.247	1.98	Satisfactory
8	Monocyte	40	1.90	%	5.45	3.01	0.594	1.18	Satisfactory
9	Eosinophils	40	6.30	%	3.36	1.59	0.315	1.85	Satisfactory
10	PLATELET COUNT	43	190.00	10 ³ /c umm	196.26	11.12	2.119	0.56	Good
11	MCH	47	31.10	pg	31.33	0.52	0.095	0.44	Good
12	MCHC	47	33.00	g/dL	32.30	0.97	0.177	0.73	Good
13	AEC	32	0.10	10 ³ /c umm	0.13	0.06		0.49	Good
14	ALC	32	1.38	10 ³ /c umm	1.34	0.20	0.044	0.20	Good
15	Basophils	39	1.10	%	1.61	1.46	0.292	0.35	Good
16	Hematocrit	39	37.10	%	37.26	0.95	0.190	0.17	Good
17	CD4	1	Not Recvd.	cells/dl	280.00				N/A

Authorised Signatory



Dr. Sujay Prasad
Technical Manager and Program coordinator

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SDPA - Standard Deviation for Proficiency Assessment

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Cycle No	C3
Ref.No.	NEUQAP189
Sample ID	NEUQAP HEM BLOOD/2021/9/C3/S9

Report Date : 18/10/2021

Sample : SEP 2021

Peer group

	Parameters	Labs (n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
18	TOTAL COUNT (Flow Cytometry)	11	1.64	10 ³ /c umm	4.34	0.70		3.86	Unsatisfactory
19	ANC (Automated Flowcytometry)	11	0.11	10 ³ /c umm	2.52	0.65		3.72	Unsatisfactory
20	Lymphocyte (Automated Flowcytometry)	3	83.90	%	46.20	3.41		11.05	Unsatisfactory
21	Eosinophils (Automated Flowcytometry)	3	6.30	%	3.67	0.15		17.76	Unsatisfactory
22	Basophils (Automated Flowcytometry)	3	1.10	%	4.40	0.15		22.25	Unsatisfactory
23	Neutrophils (Automated Flowcytometry)	3	6.80	%	40.67	12.75		2.66	Questionable
24	RBC (Electrical Impedance)	8	3.94	10 ⁶ /c umm	3.86	0.06		1.36	Satisfactory
25	MCV (Automated cell counter)	42	94.20	fl	96.61	2.31	0.445	1.05	Satisfactory
26	Monocyte (Automated Flowcytometry)	3	1.90	%	4.37	2.08		1.19	Satisfactory
27	HEMOGLOBIN (Photometric method)	5	12.30	g/dL	12.22	0.18		0.46	Good
28	PLATELET COUNT (Electrical Impedance)	7	190.00	10 ³ /c umm	197.00	11.82		0.59	Good
29	MCH (Automated cell counter)	34	31.10	pg	31.40	0.60	0.128	0.51	Good
30	MCHC (Automated cell counter)	45	33.00	g/dL	32.35	0.96	0.178	0.68	Good
31	AEC (Automated Flowcytometry)	11	0.10	10 ³ /c umm	0.14	0.05		0.71	Good
32	ALC (Automated Flowcytometry)	11	1.38	10 ³ /c umm	1.44	0.15		0.40	Good

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Cycle No	C3
Ref.No.	NEUQAP189
Sample ID	NEUQAP HEM BLOOD/2021/9/C3/S9

Report Date : 18/10/2021

Sample : SEP 2021

Peer group

	Parameters	Labs (n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
33	Hematocrit (Automated Cell counter)	35	37.10	%	37.21	1.01	0.213	0.11	Good

Interpretation of z scores is as follows:

- | Z score | ≤ 1.0 – Good
- | Z score | between 1.0 to 2.0 - Satisfactory
- | Z score | between 2.0 to 3.0 - Questionable
- | Z score | ≥ 3.0 - Unsatisfactory

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Neu-QAP

(an EXTERNAL QUALITY ASSURANCE PROGRAMME)

PARTICIPANT FINAL ASSESSMENT REPORT (TEXT)

PT SCHEME:HEMATOLOGY



PC-1047

Cycle No	C3
Ref.No.	NEUQAP189
Sample ID	NEUQAP HEM BLOOD/2021/9/C3/S9

Report Date : 18/10/2021

Sample : SEP 2021

All Methods

Parameters	Lab Report	No of Participants	Consensus Report	%	Remarks
BLOOD GROUP	AB	41	AB - 41	100	Within Consensus
DCT	Not Recvd.	17	NEGATIVE - 17		
ICT	Not Recvd.	17	NEGATIVE - 17		
Rh Type	Positive	41	Positive - 41	100	Within Consensus

Peer group

Parameters	Lab Report	No of Participants	Consensus Report	%	Remarks
BLOOD GROUP	AB	11	AB - 11	100	Within Consensus
Rh Type	Positive	33	Positive - 33	100	Within Consensus



Neu-QAP

(an EXTERNAL QUALITY ASSURANCE PROGRAMME)

PARTICIPANT FINAL ASSESSMENT REPORT (NORMAL)

PT SCHEME:HEMATOLOGY



PC-1047

Cycle No	C3
Ref.No.	NEUQAP189
Sample ID	NEUQAP HEM BLOOD/2021/9/C3/S9

Report Date : 18/10/2021

Sample : SEP 2021

AEC

Parameters	Labs(n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
All Methods	32	0.10	10 ³ /cum m	0.13	0.06		0.49	Good

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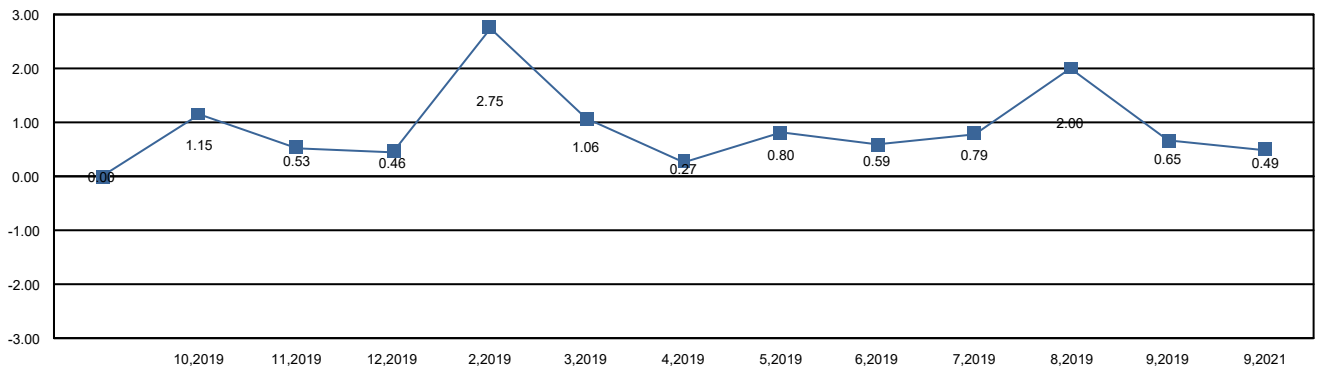
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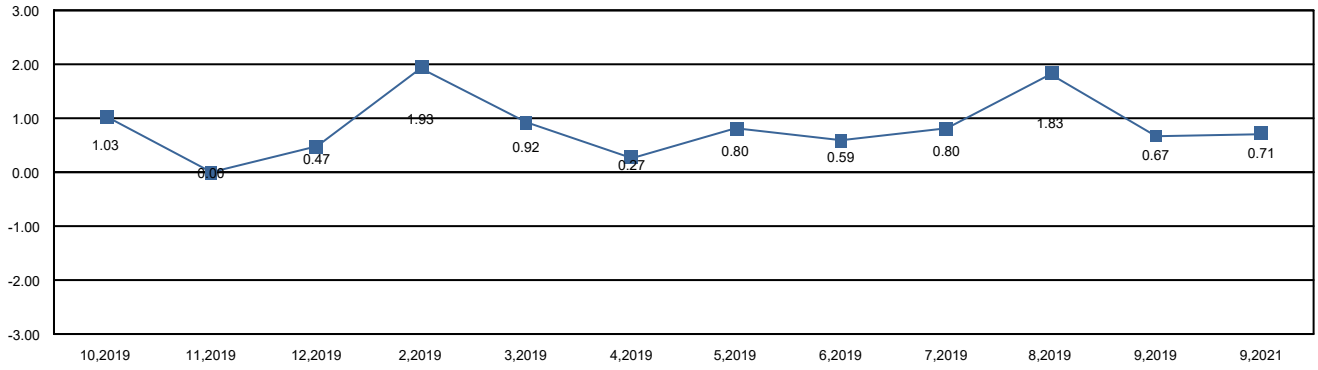


ZScore



Peer group (Automated Flowcytometry)	11	0.10	10 ³ /cum m	0.14	0.05		0.71	Good
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ZScore



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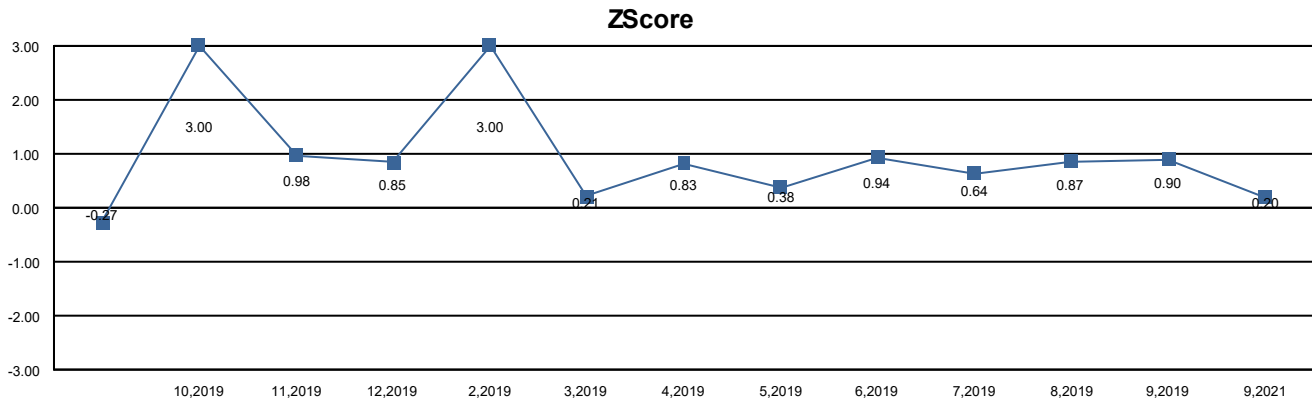
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Ref.No.	NEUQAP189
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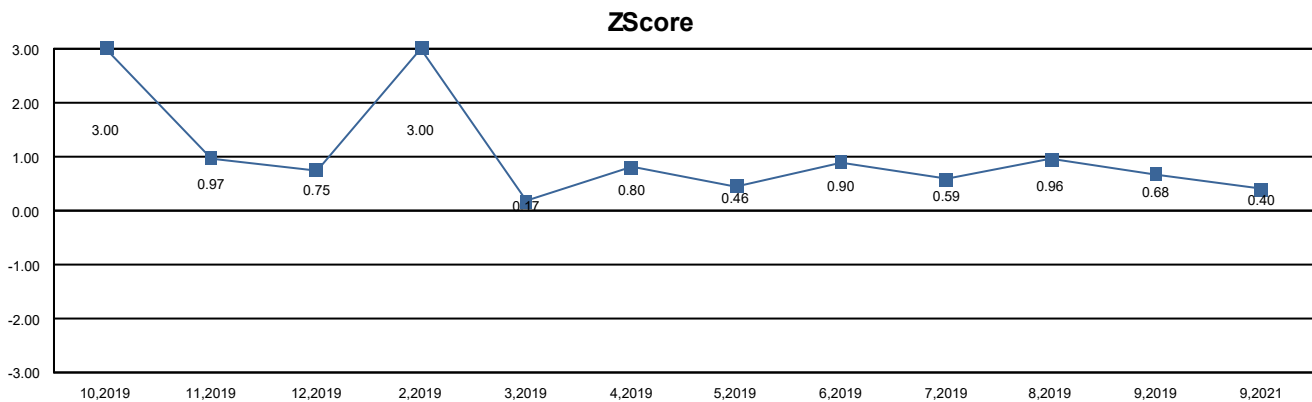
Sample : SEP 2021

ALC

Parameters	Labs(n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
All Methods	32	1.38	10 ³ /cum m	1.34	0.20	0.044	0.20	Good



Peer group (Automated Flowcytometry)	11	1.38	10 ³ /cum m	1.44	0.15		0.40	Good
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PARTICIPANT FINAL ASSESSMENT REPORT (NORMAL)

PT SCHEME:HEMATOLOGY

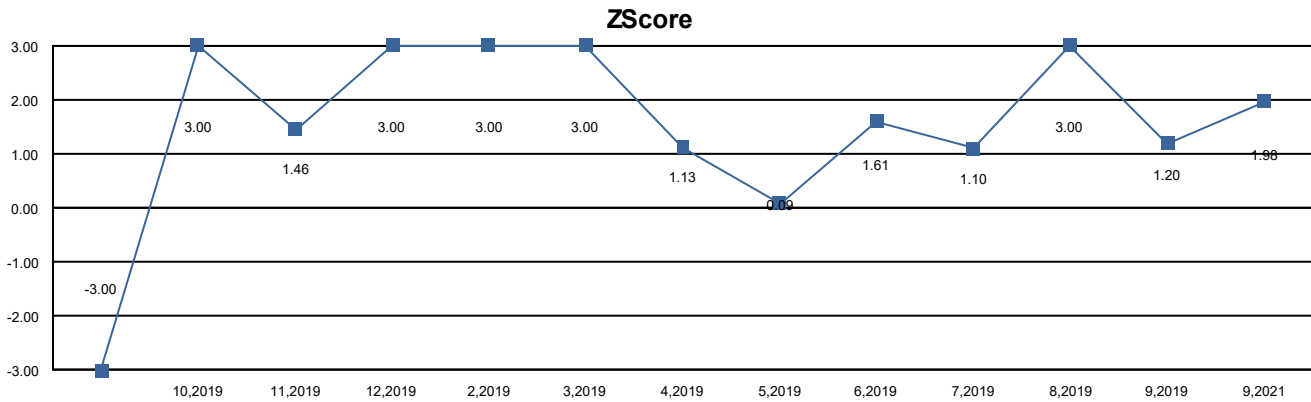
Cycle No	C3
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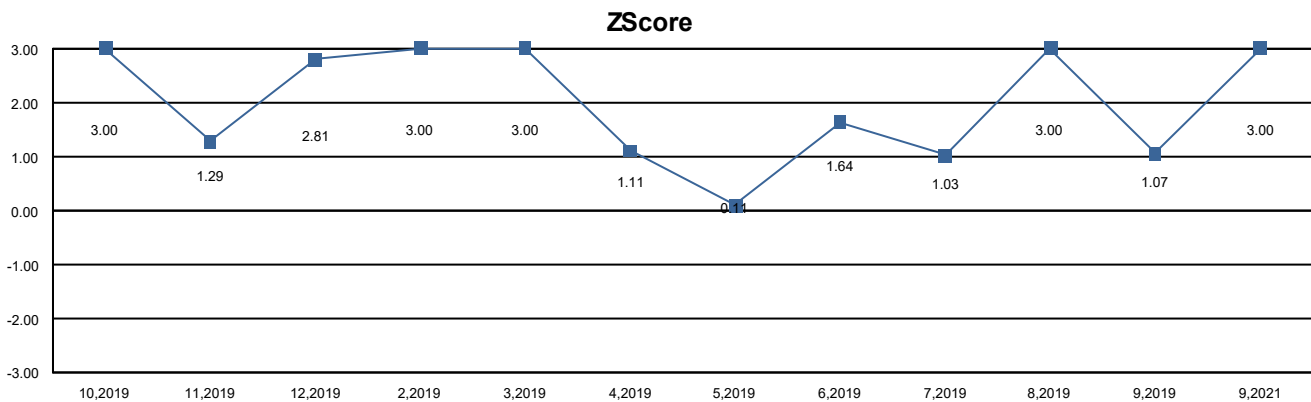
Sample : SEP 2021

ANC

Parameters	Labs(n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
All Methods	32	0.11	10 ³ /cum m	2.32	1.12	0.247	1.98	Satisfactory



Peer group (Automated Flowcytometry)	11	0.11	10 ³ /cum m	2.52	0.65		3.72	Unsatisfactory
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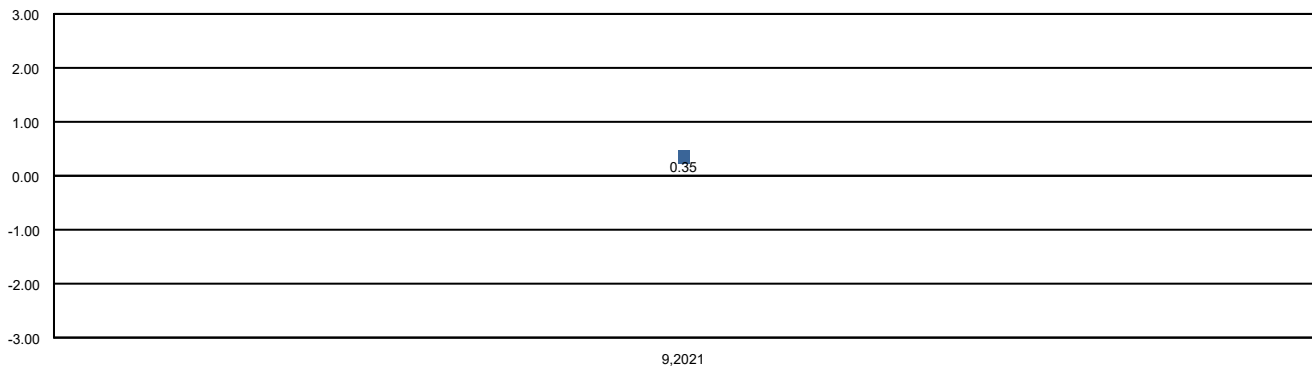
Report Date : 18/10/2021

Sample : SEP 2021

Basophils

Parameters	Labs(n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
All Methods	39	1.10	%	1.61	1.46	0.292	0.35	Good

ZScore



Peer group (Automated Flowcytometry)	3	1.10	%	4.40	0.15		22.25	Unsatisfactory
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Neu-QAP

(an EXTERNAL QUALITY ASSURANCE PROGRAMME)

PARTICIPANT FINAL ASSESSMENT REPORT (NORMAL)

PT SCHEME:HEMATOLOGY



PC-1047

Cycle No	C3
Ref.No.	NEUQAP189
Sample ID	NEUQAP HEM BLOOD/2021/9/C3/S9

Report Date : 18/10/2021

Sample : SEP 2021

CD4

Parameters	Labs(n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
All Methods	1	Not Recvd.	cells/dl	280.00				N/A

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An external quality assurance program from
NEUBERG ANAND ACADEMY OF LABORATORY MEDICINE PVT.LTD.

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CIN: U85300KA2018PTC115147

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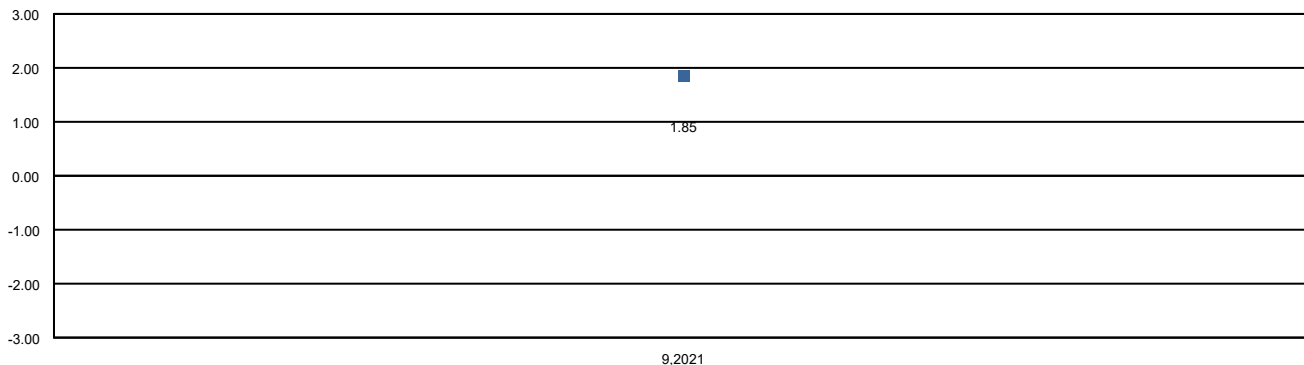
Report Date : 18/10/2021

Sample : SEP 2021

Eosinophils

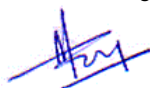
Parameters	Labs(n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
All Methods	40	6.30	%	3.36	1.59	0.315	1.85	Satisfactory

ZScore



Peer group (Automated Flowcytometry)	3	6.30	%	3.67	0.15		17.76	Unsatisfactory
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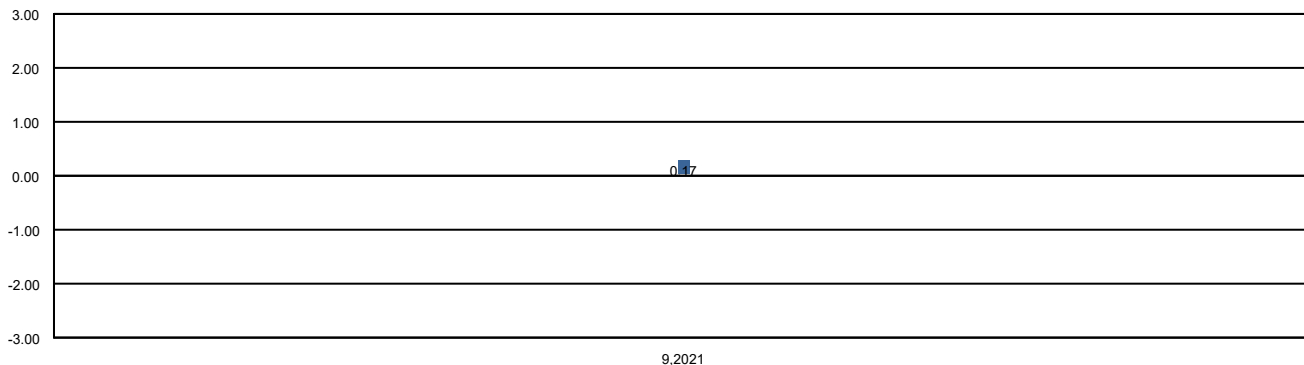
Report Date : 18/10/2021

Sample : SEP 2021

Hematocrit

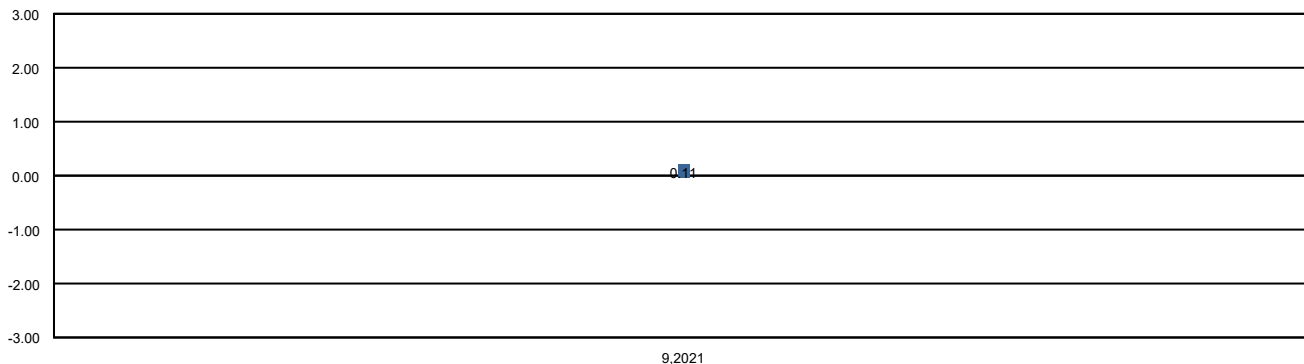
Parameters	Labs(n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
All Methods	39	37.10	%	37.26	0.95	0.190	0.17	Good

ZScore

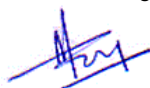


Peer group (Automated Cell counter)	35	37.10	%	37.21	1.01	0.213	0.11	Good
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ZScore



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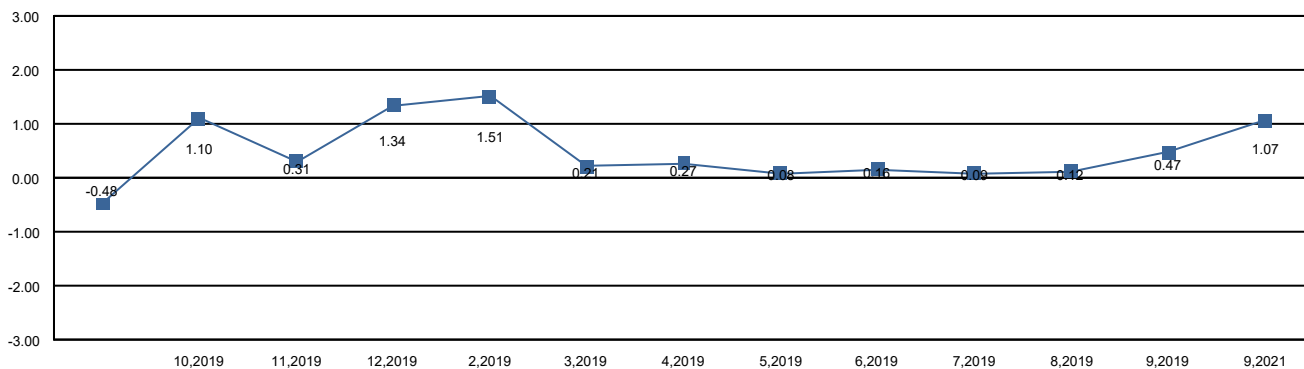
Report Date : 18/10/2021

Sample : SEP 2021

HEMOGLOBIN

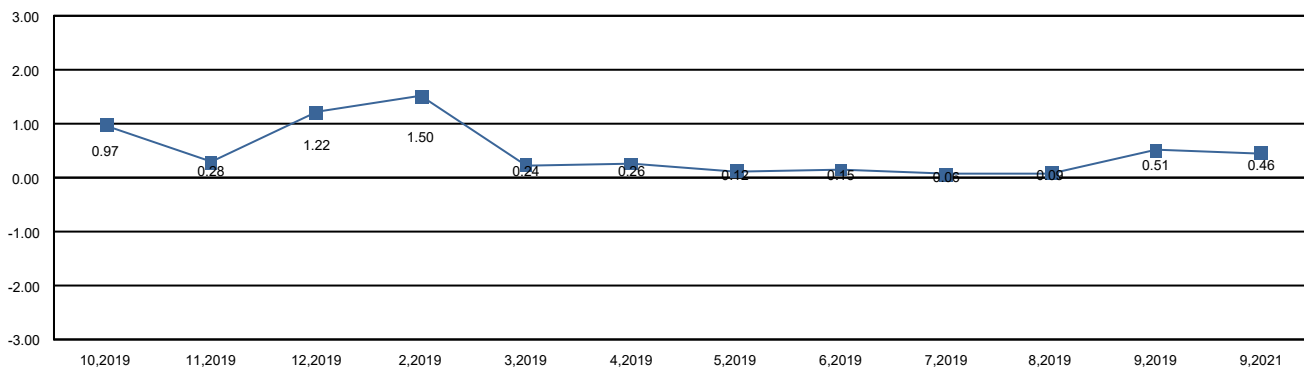
Parameters	Labs(n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
All Methods	46	12.30	g/dL	12.05	0.23	0.043	1.07	Satisfactory

ZScore



Peer group (Photometric method)	5	12.30	g/dL	12.22	0.18		0.46	Good
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ZScore



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Sample : SEP 2021

Lymphocyte

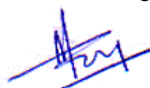
Parameters	Labs(n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
All Methods	40	83.90	%	39.23	16.75	3.310	2.67	Questionable

ZScore



Peer group (Automated Flowcytometry)	3	83.90	%	46.20	3.41		11.05	Unsatisfactory
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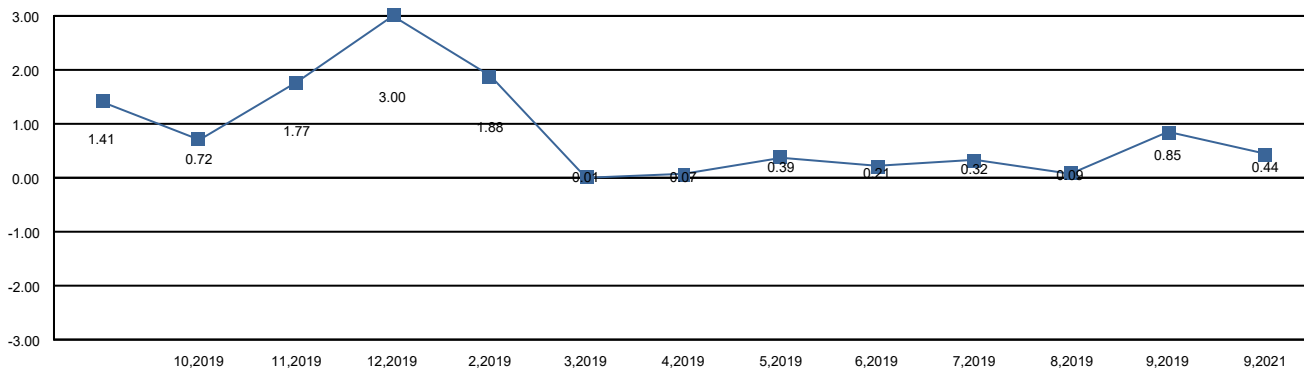
Report Date : 18/10/2021

Sample : SEP 2021

MCH

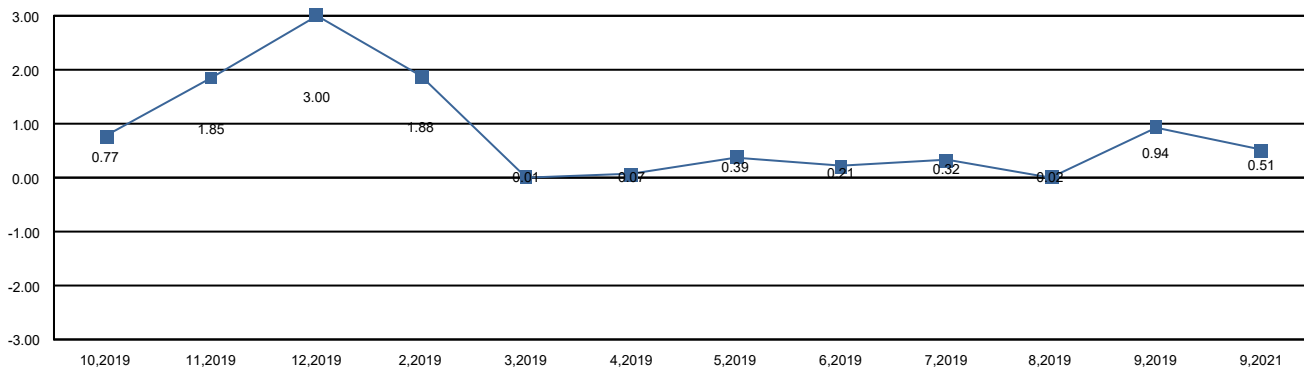
Parameters	Labs(n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
All Methods	47	31.10	pg	31.33	0.52	0.095	0.44	Good

ZScore



Peer group (Automated cell counter)	34	31.10	pg	31.40	0.60	0.128	0.51	Good
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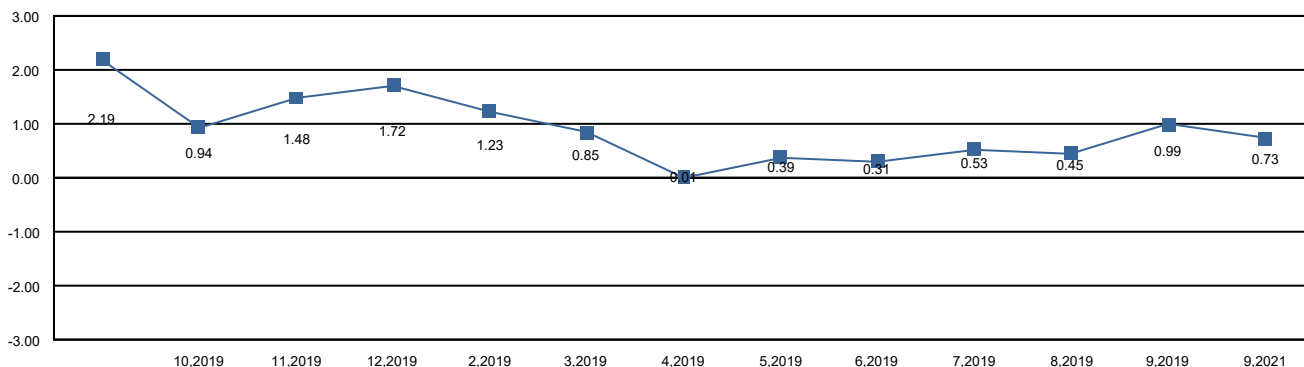
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Sample : SEP 2021

MCHC

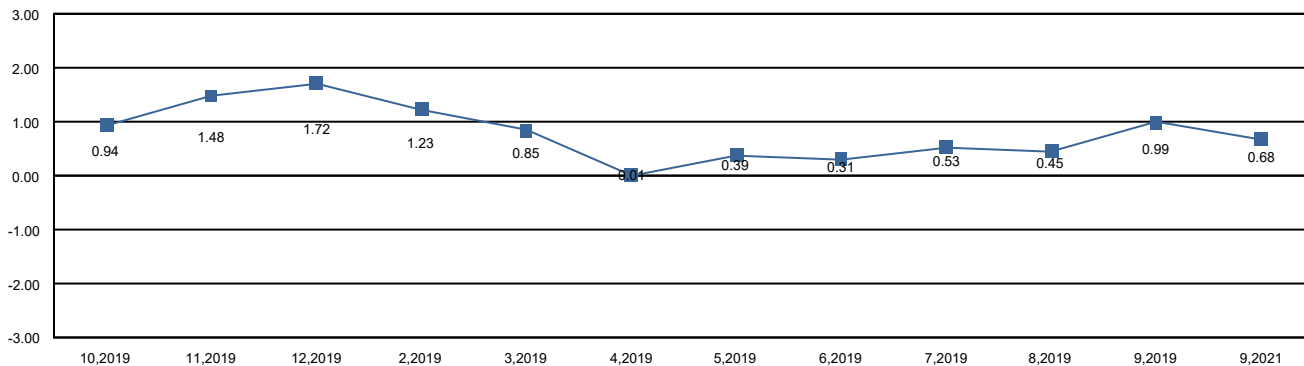
Parameters	Labs(n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
All Methods	47	33.00	g/dL	32.30	0.97	0.177	0.73	Good

ZScore



Peer group (Automated cell counter)	45	33.00	g/dL	32.35	0.96	0.178	0.68	Good
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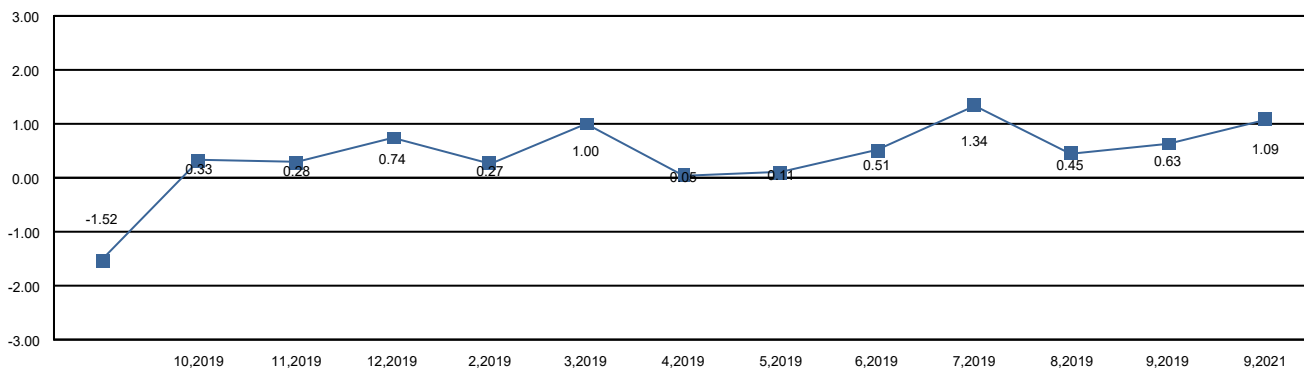
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Sample : SEP 2021

MCV

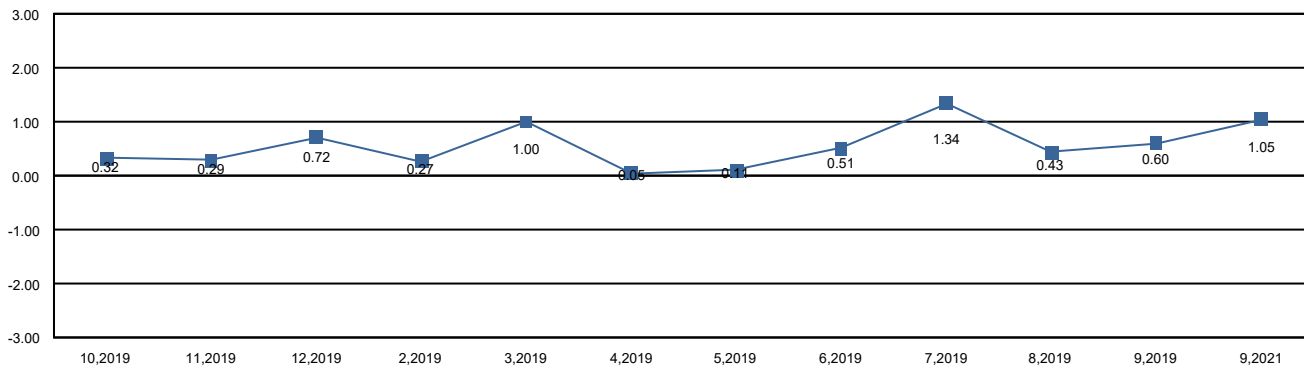
Parameters	Labs(n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
All Methods	47	94.20	fl	96.91	2.50	0.456	1.09	Satisfactory

ZScore



Peer group (Automated cell counter)	42	94.20	fl	96.61	2.31	0.445	1.05	Satisfactory
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ZScore



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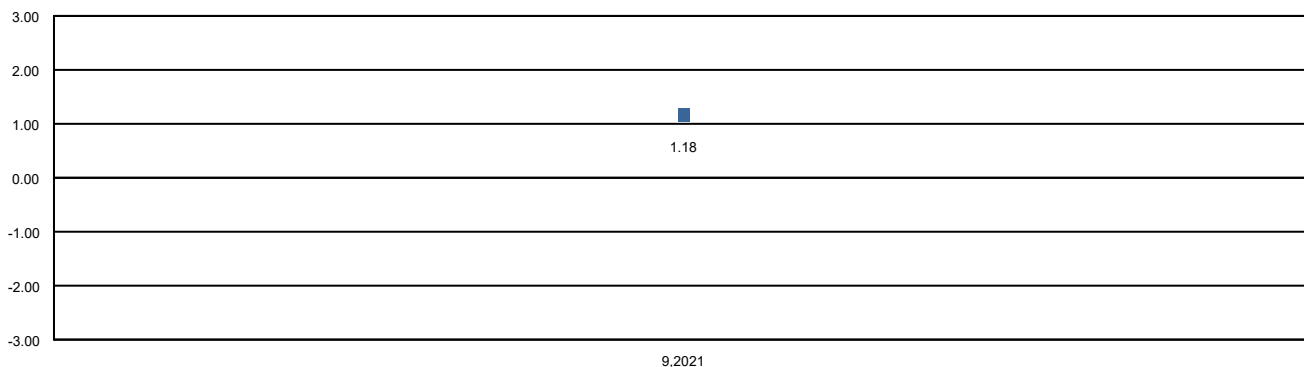
Report Date : 18/10/2021

Sample : SEP 2021

Monocyte

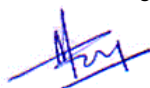
Parameters	Labs(n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
All Methods	40	1.90	%	5.45	3.01	0.594	1.18	Satisfactory

ZScore



Peer group (Automated Flowcytometry)	3	1.90	%	4.37	2.08		1.19	Satisfactory
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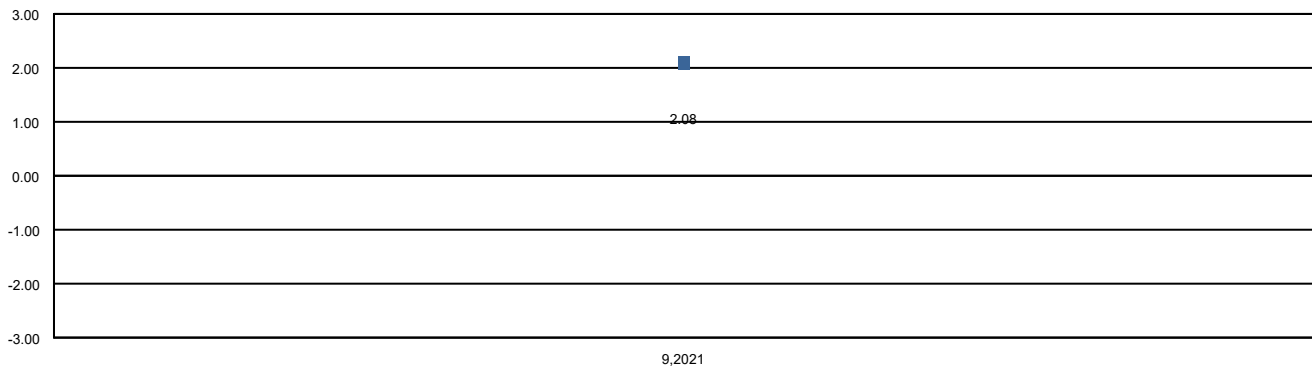
Report Date : 18/10/2021

Sample : SEP 2021

Neutrophils

Parameters	Labs(n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
All Methods	40	6.80	%	48.30	19.99	3.951	2.08	Questionable

ZScore



Peer group (Automated Flowcytometry)	3	6.80	%	40.67	12.75		2.66	Questionable
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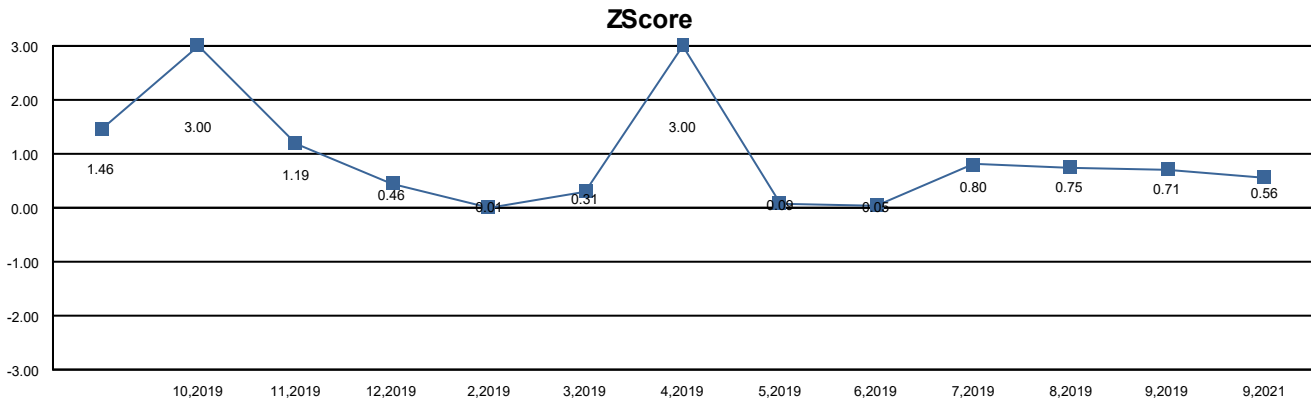
Cycle No	C3
Ref.No.	NEUQAP189
Sample ID	NEUQAP HEM BLOOD/2021/9/C3/S9

Report Date : 18/10/2021

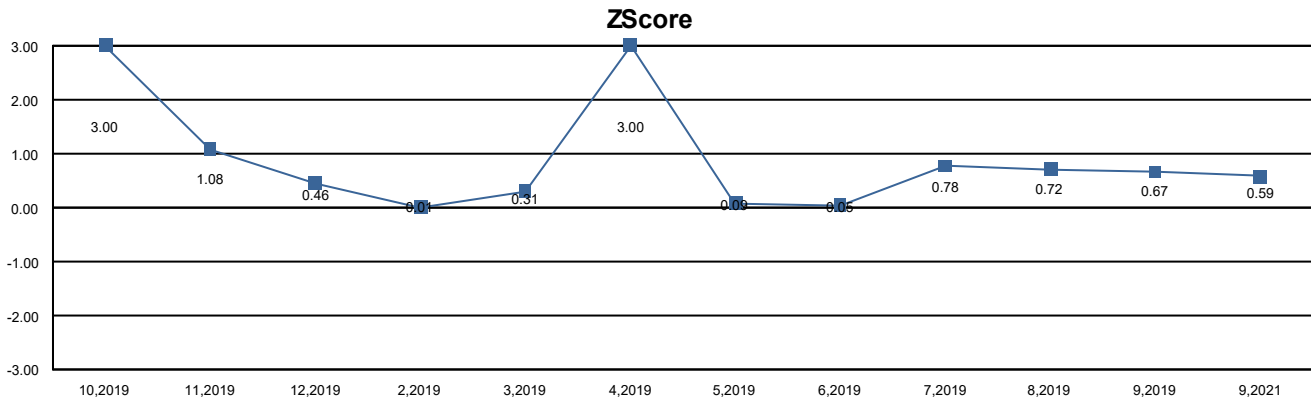
Sample : SEP 2021

PLATELET COUNT

Parameters	Labs(n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
All Methods	43	190.00	10 ³ /cum m	196.26	11.12	2.119	0.56	Good



Peer group (Electrical Impedance)	7	190.00	10 ³ /cum m	197.00	11.82		0.59	Good
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Authorised Signatory



Dr. Sujay Prasad
Technical Manager and Program coordinator

* denotes adjusted SDPA as per ISO 13528:2015(E)
SDPA - Standard Deviation for Proficiency Assessment

PARTICIPANT FINAL ASSESSMENT REPORT (NORMAL)

PT SCHEME:HEMATOLOGY

Cycle No	C3
Ref.No.	NEUQAP189
Sample ID	NEUQAP HEM BLOOD/2021/9/C3/S9

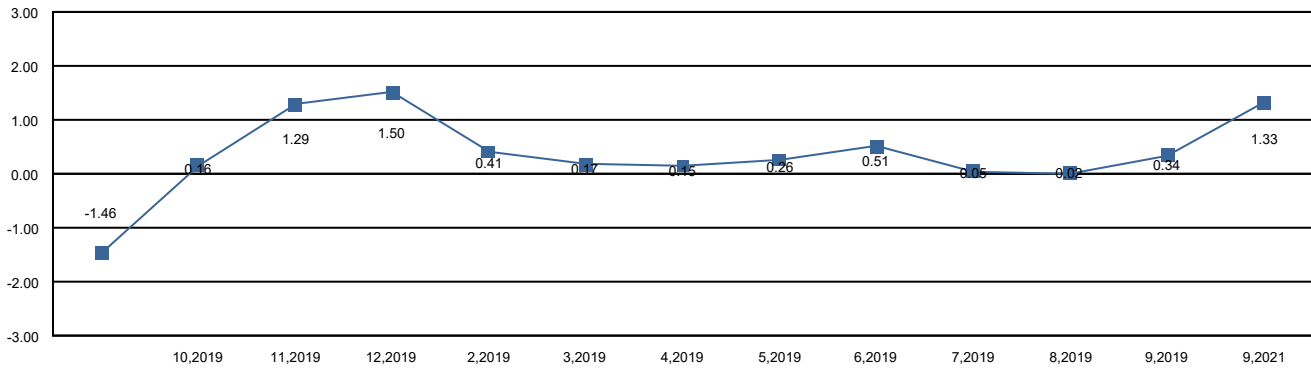
Report Date : 18/10/2021

Sample : SEP 2021

RBC

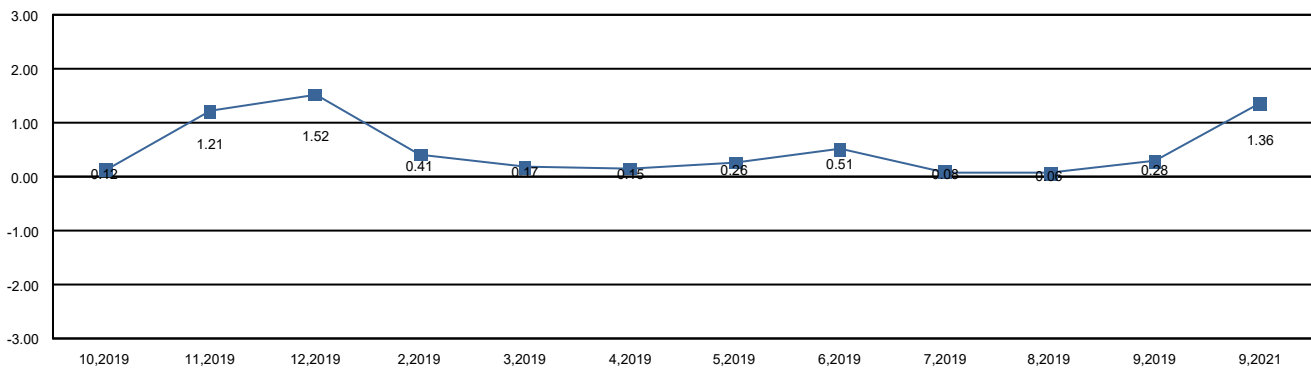
Parameters	Labs(n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
All Methods	47	3.94	10 ⁶ /cum m	3.84	0.07	0.013	1.33	Satisfactory

ZScore



Peer group (Electrical Impedance)	8	3.94	10 ⁶ /cum m	3.86	0.06		1.36	Satisfactory
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ZScore



Authorised Signatory



Dr. Sujay Prasad
Technical Manager and Program coordinator

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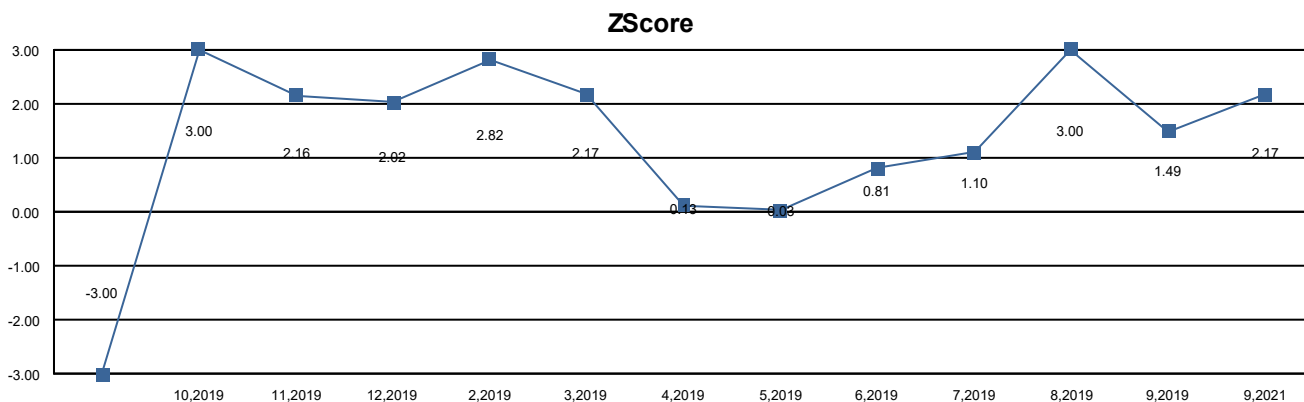
Cycle No	C3
Ref.No.	NEUQAP189
Sample ID	NEUQAP HEM BLOOD/2021/9/C3/S9

Report Date : 18/10/2021

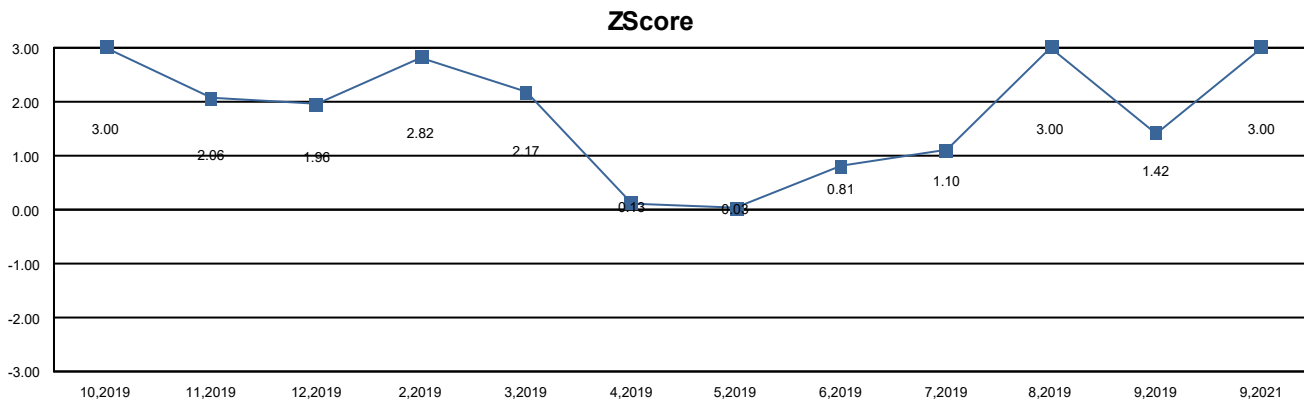
Sample : SEP 2021

TOTAL COUNT

Parameters	Labs(n)	Lab Value	Unit	Assigned value	SDPA	Um	Z-Score	Remarks
All Methods	43	1.64	10 ³ /cum m	4.12	1.15	0.219	2.17	Questionable



Peer group (Flow Cytometry)	11	1.64	10 ³ /cum m	4.34	0.70		3.86	Unsatisfactory
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Note: Sample generation, homogeneity and stability testing activities are subcontracted to ISO 15189:2012 accredited laboratory . Lyophilisation of samples is subcontracted to ISO 9001:2015 manufacturing facility .

****End of report ****

Authorised Signatory

* denotes adjusted SDPA as per ISO 13528:2015(E)
SDPA - Standard Deviation for Proficiency Assessment

Dr. Sujay Prasad
Technical Manager and Program coordinator

Please refer to NEUQAP Web portal for all subcontracted activ
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