



COLLEGE of AMERICAN
PATHOLOGISTS

325 Waukegan Road, Northfield, Illinois 60093-2750
800-323-4040 • cap.org

ORIGINAL EVALUATION

RT4-A 2025 Reticulocyte-Sysmex

INSTITUTION: Howard University Hospital Corp.
Washington DC 20060

ATTENTION: Lydia Seifu BS

CAP NUMBER: 1339701-01 **Kit#** 1

KIT INFORMATION:	Kit ID:	Kit Mailed:	Original Evaluation:	Next Mailing Date:
	39206323	1/6/2025	2/3/2025	8/25/2025

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LEGEND: Exception Reason Codes appearing in this evaluation:
[26] = Educational challenge.

Reviewed By

Date

The College of American Pathologists recommends that the result of this interlaboratory comparison not be used as a sole criterion for judging the performance of any individual clinical laboratory.



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EVALUATION
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RT4-A 2025 Reticulocyte-Sysmex

Test Unit of Measure Peer Group	Evaluation and Comparative Method Statistics									Plot of the Relative Distance of Your Results from Target as Percentages of allowed Deviation		
	Specimen	Your Result	Mean	S.D.	No. of Labs	S.D.I	Lower	Upper	Your Grade	Survey	-100-----Mean-----+100	
Reticulocyte % SYSMEX XN-SERIES	RT4-01	4.37	4.069	0.648	2829	+0.5	2.12	6.02	Acceptable	RT4-A 2025 RT4-B 2024 RT4-A 2024 -100 -80 -60 -40 -20 0 20 40 60 80 100		
	RT4-02	8.80	9.235	0.568	2780	-0.8	7.52	10.95	Acceptable			
	RT4-03	0.90	0.917	0.081	2814	-0.2	0.67	1.16	Acceptable			
Reticulocyte Absolute x 10E6/uL (x 10E12/L) SYSMEX XN-SERIES	RT4-01	0.205	0.1925	0.0309	2658	+0.4	0.099	0.286	Acceptable	RT4-A 2025 RT4-B 2024 RT4-A 2024 -100 -80 -60 -40 -20 0 20 40 60 80 100		
	RT4-02	0.219	0.2277	0.0163	2660	-0.5	0.178	0.277	Acceptable			
	RT4-03	0.052	0.0522	0.0052	2649	0.0	0.036	0.068	Acceptable			
Immature RT Fraction % SYSMEX XN-SERIES	RT4-01	5.5	7.51	2.68	2150	-0.8	0.0	15.6	Acceptable	RT4-A 2025 RT4-A 2024 -100 -80 -60 -40 -20 0 20 40 60 80 100		
	RT4-02	4.9	4.56	1.55	2131	+0.2	0.0	9.3	Acceptable			
	RT4-03	8.2	6.66	1.60	2161	+1.0	1.8	11.5	Acceptable			
Test -- Unit Of Measure Methods	Specimen	Your Result		Mean		S.D.		Labs	S.D.I	Limits of Acceptability Lower Upper		Your Grade
Reticulocyte Hemoglobi SYSMEX XN-SERIES	pg			16.4	P	16.45		1.16	2259	0.0		See Note [26]
				15.3	P	14.44		0.38	2253	+2.3		See Note [26]
				30.1	P	29.84		1.16	2185	+0.2		See Note [26]

P = Based on peer group statistics

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