

# XN CHECK ASSAY SHEET

## for XN-Series

### Level L2

**LOT**
**5047 1102**

**18-May-2025**

	RBC [10 <sup>6</sup> /μL]	HGB		HCT		MCV [fL]	MCH		MCHC	
		[g/dL]	[mmol/L]	[%]	[L/L]		[pg]	[fmol]	[g/dL]	[mmol/L]
Range	4.42	12.0	7.5	37.3	0.373	84.6	29.5	1.831	38.6	24.1
	4.00	11.0	6.9	30.5	0.305	76.6	25.1	1.559	29.2	18.1
Mean	4.21	11.5	7.2	33.9	0.339	80.6	27.3	1.695	33.9	21.1
Limit [%]	5.0	4.0	4.0	10.0	10.0	5.0	8.0	8.0	14.0	14.0
Limit [#]	0.21	0.5	0.3	3.4	0.034	4.0	2.2	0.136	4.7	3.0

	PLT [10 <sup>3</sup> /μL]	RDW-SD [fL]	RDW-CV [%]	PDW [fL]	PCT [%]	MPV [fL]	P-LCR [%]	PLT-F [10 <sup>3</sup> /μL]	IPF [%]	IPF# [10 <sup>3</sup> /μL]
Range	261	53.6	18.8	11.8	0.30	11.1	61.5	312	25.2	84.9
	193	43.8	15.4	8.6	0.16	9.3	0.0	168	15.2	12.1
Mean	227	48.7	17.1	10.2	0.23	10.2	24.6	240	20.2	48.5
Limit [%]	15.0	10.0	10.0	16.0	30.0	9.0	150.0	30.0	24.8	75.0
Limit [#]	34	4.9	1.7	1.6	0.07	0.9	36.9	72	5.0	36.4

	WBC [10 <sup>3</sup> /μL]	WBC-D [10 <sup>3</sup> /μL]	WBC-P [10 <sup>3</sup> /μL]	NEUT# [10 <sup>3</sup> /μL]	LYMPH# [10 <sup>3</sup> /μL]	MONO# [10 <sup>3</sup> /μL]	EO# [10 <sup>3</sup> /μL]	BASO# [10 <sup>3</sup> /μL]	IG# [10 <sup>3</sup> /μL]	NRBC# [10 <sup>3</sup> /μL]
Range	7.30	7.35	7.40	3.50	2.34	1.30	1.08	0.59	1.00	0.65
	6.40	6.45	6.18	2.58	1.56	0.32	0.36	0.07	0.54	0.21
Mean	6.85	6.90	6.79	3.04	1.95	0.81	0.72	0.33	0.77	0.43
Limit [%]	6.5	6.5	9.0	15.0	20.0	60.0	50.0	78.0	30.0	50.0
Limit [#]	0.45	0.45	0.61	0.46	0.39	0.49	0.36	0.26	0.23	0.22

	NEUT% [%]	LYMPH% [%]	MONO% [%]	EO% [%]	BASO% [%]	IG% [%]	NRBC% [%]	HPC% [%]	HPC# [10 <sup>3</sup> /μL]
Range	51.1	34.2	18.9	15.8	8.5	14.6	9.5	1.40	0.095
	37.7	22.8	4.7	5.2	1.1	7.8	3.1	0.60	0.041
Mean	44.4	28.5	11.8	10.5	4.8	11.2	6.3	1.00	0.068
Limit [%]	15.0	20.0	60.0	50.0	78.0	30.0	50.0	40.0	40.0
Limit [#]	6.7	5.7	7.1	5.3	3.7	3.4	3.2	0.40	0.027

	RET# [10 <sup>9</sup> /μL]	RET% [%]	HFR [%]	MFR [%]	LFR [%]	IRF [%]	RET-He		RBC-O [10 <sup>9</sup> /μL]	PLT-O [10 <sup>9</sup> /μL]
							[pg]	[fmol]		
Range	0.1281	2.81	15.8	62.6	93.6	75.4	27.8	1.725	4.48	311
	0.0689	1.87	0.0	6.6	27.6	3.4	22.8	1.411	3.66	167
Mean	0.0985	2.34	4.8	34.6	60.6	39.4	25.3	1.568	4.07	239
Limit [%]	30.0	20.0	229.2	80.9	54.5	91.4	10.0	10.0	10.0	30.0
Limit [#]	0.0296	0.47	11.0	28.0	33.0	36.0	2.5	0.157	0.41	72

	RBC-He		HYPO-He [%]	HYPER-He [%]	MicroR [%]	MacroR [%]	AS-LYMP# [10 <sup>3</sup> /μL]	AS-LYMP% [%]	RE-LYMP# [10 <sup>3</sup> /μL]	RE-LYMP% [%]
	[pg]	[fmol]								
Range	33.8	2.096	2.2	1.0	14.5	5.6	0.48	7.1	0.74	10.8
	22.6	1.398	0.0	0.0	2.5	2.4	0.16	2.3	0.24	3.6
Mean	28.2	1.747	0.9	0.3	8.5	4.0	0.32	4.7	0.49	7.2
Limit [%]	20.0	20.0	147.8	233.3	70.0	40.0	50.0	50.0	50.0	50.0
Limit [#]	5.6	0.349	1.3	0.7	6.0	1.6	0.16	2.4	0.25	3.6

You may find some parameters that are not displayed on your instrument's IPU since their availability depends on the instrument's configuration. Please refer to the package insert for the handling procedure for XN CHECK.

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