

XN CHECK ASSAY SHEET

for XN series

Level L1

LOT
4189 1101

06-Oct-2024

	RBC [10 ⁶ /μL]	HGB		HCT		MCV [fL]	MCH		MCHC	
		[g/dL]	[mmol/L]	[%]	[L/L]		[pg]	[fmol]	[g/dL]	[mmol/L]
Range	2.77	6.6	4.1	20.9	0.209	75.5	26.1	1.614	38.2	23.7
	2.51	6.0	3.7	17.1	0.171	68.3	21.7	1.348	28.2	17.5
Mean	2.64	6.3	3.9	19.0	0.190	71.9	23.9	1.481	33.2	20.6
Limit [%]	5.0	4.8	4.8	10.0	10.0	5.0	9.0	9.0	15.0	15.0
Limit [#]	0.13	0.3	0.2	1.9	0.019	3.6	2.2	0.133	5.0	3.1

	PLT [10 ³ /μL]	RDW-SD [fL]	RDW-CV [%]	PDW [fL]	PCT [%]	MPV [fL]	P-LCR [%]	PLT-F [10 ³ /μL]	IPF [%]	IPF# [10 ³ /μL]
Range	126	53.8	21.1	11.5	0.17	10.3	16.5	115	24.0	30.4
	54	44.0	17.3	1.3	0.00	6.9	0.0	49	14.0	0.8
Mean	90	48.9	19.2	6.4	0.08	8.6	6.6	82	19.0	15.6
Limit [%]	40.0	10.0	10.0	80.0	116.0	20.0	150.0	40.0	26.3	95.0
Limit [#]	36	4.9	1.9	5.1	0.09	1.7	9.9	33	5.0	14.8

	WBC [10 ³ /μL]	WBC-D [10 ³ /μL]	WBC-P [10 ³ /μL]	NEUT# [10 ³ /μL]	LYMPH# [10 ³ /μL]	MONO# [10 ³ /μL]	EO# [10 ³ /μL]	BASO# [10 ³ /μL]	IG# [10 ³ /μL]	NRBC# [10 ³ /μL]
Range	3.32	3.38	3.34	1.38	1.54	0.61	0.42	0.27	0.39	0.23
	2.72	2.76	2.74	0.92	0.66	0.07	0.14	0.03	0.21	0.07
Mean	3.02	3.07	3.04	1.15	1.10	0.34	0.28	0.15	0.30	0.15
Limit [%]	10.0	10.0	10.0	20.0	40.0	80.0	50.0	78.0	30.0	50.0
Limit [#]	0.30	0.31	0.30	0.23	0.44	0.27	0.14	0.12	0.09	0.08

	NEUT% [%]	LYMPH% [%]	MONO% [%]	EO% [%]	BASO% [%]	IG% [%]	NRBC% [%]	HPC% [%]	HPC# [10 ³ /μL]
Range	45.6	51.0	20.3	14.0	8.9	12.9	7.5	1.49	0.045
	30.4	21.8	2.3	4.6	1.1	6.9	2.5	0.49	0.015
Mean	38.0	36.4	11.3	9.3	5.0	9.9	5.0	0.99	0.030
Limit [%]	20.0	40.0	80.0	50.0	78.0	30.0	50.0	50.0	50.0
Limit [#]	7.6	14.6	9.0	4.7	3.9	3.0	2.5	0.50	0.015

	RET# [10 ⁹ /μL]	RET% [%]	HFR [%]	MFR [%]	LFR [%]	IRF [%]	RET-He		RBC-O [10 ⁹ /μL]	PLT-O [10 ⁹ /μL]
							[pg]	[fmol]		
Range	0.2024	7.08	18.7	60.9	92.4	76.6	26.0	1.609	2.86	147
	0.1090	4.72	0.0	4.9	26.4	4.6	21.2	1.317	2.34	63
Mean	0.1557	5.90	7.7	32.9	59.4	40.6	23.6	1.463	2.60	105
Limit [%]	30.0	20.0	142.9	85.1	55.6	88.7	10.0	10.0	10.0	40.0
Limit [#]	0.0467	1.18	11.0	28.0	33.0	36.0	2.4	0.146	0.26	42

	RBC-He		HYPO-He [%]	HYPER-He [%]	MicroR [%]	MacroR [%]	AS-LYMP# [10 ³ /μL]	AS-LYMP% [%]	RE-LYMP# [10 ³ /μL]	RE-LYMP% [%]
	[pg]	[fmol]								
Range	29.4	1.823	8.1	0.9	41.8	3.3	0.30	10.1	0.45	14.9
	19.6	1.215	1.1	0.0	10.4	1.1	0.08	2.5	0.11	3.7
Mean	24.5	1.519	4.6	0.2	26.1	2.2	0.19	6.3	0.28	9.3
Limit [%]	20.0	20.0	75.3	350.0	60.0	50.0	60.0	60.0	60.0	60.0
Limit [#]	4.9	0.304	3.5	0.7	15.7	1.1	0.11	3.8	0.17	5.6

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XN CHECK ASSAY SHEET

for XN series

Level L2

LOT
4189 1102

06-Oct-2024

	RBC [10 ⁶ /μL]	HGB		HCT		MCV [fL]	MCH		MCHC	
		[g/dL]	[mmol/L]	[%]	[L/L]		[pg]	[fmol]	[g/dL]	[mmol/L]
Range	4.50	12.0	7.5	37.5	0.375	83.6	28.9	1.797	38.4	23.8
	4.08	11.0	6.9	30.7	0.307	75.6	24.7	1.531	29.0	18.0
Mean	4.29	11.5	7.2	34.1	0.341	79.6	26.8	1.664	33.7	20.9
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	2.1	0.133	4.7	2.9

	PLT [10 ³ /μL]	RDW-SD [fL]	RDW-CV [%]	PDW [fL]	PCT [%]	MPV [fL]	P-LCR [%]	PLT-F [10 ³ /μL]	IPF [%]	IPF# [10 ³ /μL]
Range	271	51.8	18.5	10.4	0.31	11.0	54.8	315	25.3	85.9
	201	42.4	15.1	7.6	0.17	9.2	0.0	169	15.3	12.3
Mean	236	47.1	16.8	9.0	0.24	10.1	21.9	242	20.3	49.1
Limit [%]	15.0	10.0	10.0	16.0	30.0	9.0	150.0	30.0	24.6	75.0
Limit [#]	35	4.7	1.7	1.4	0.07	0.9	32.9	73	5.0	36.8

	WBC [10 ³ /μL]	WBC-D [10 ³ /μL]	WBC-P [10 ³ /μL]	NEUT# [10 ³ /μL]	LYMPH# [10 ³ /μL]	MONO# [10 ³ /μL]	EO# [10 ³ /μL]	BASO# [10 ³ /μL]	IG# [10 ³ /μL]	NRBC# [10 ³ /μL]
Range	7.31	7.48	7.39	3.47	2.40	1.23	1.11	0.59	1.00	0.63
	6.41	6.56	6.17	2.57	1.60	0.31	0.37	0.07	0.54	0.21
Mean	6.86	7.02	6.78	3.02	2.00	0.77	0.74	0.33	0.77	0.42
Limit [%]	6.5	6.5	9.0	15.0	20.0	60.0	50.0	78.0	30.0	50.0
Limit [#]	0.45	0.46	0.61	0.45	0.40	0.46	0.37	0.26	0.23	0.21

	NEUT% [%]	LYMPH% [%]	MONO% [%]	EO% [%]	BASO% [%]	IG% [%]	NRBC% [%]	HPC% [%]	HPC# [10 ³ /μL]
Range	50.6	35.0	17.9	16.2	8.5	14.6	9.2	1.40	0.095
	37.4	23.4	4.5	5.4	1.1	7.8	3.0	0.60	0.041
Mean	44.0	29.2	11.2	10.8	4.8	11.2	6.1	1.00	0.068
Limit [%]	15.0	20.0	60.0	50.0	78.0	30.0	50.0	40.0	40.0
Limit [#]	6.6	5.8	6.7	5.4	3.7	3.4	3.1	0.40	0.027

	RET# [10 ⁶ /μL]	RET% [%]	HFR [%]	MFR [%]	LFR [%]	IRF [%]	RET-He		RBC-O [10 ⁶ /μL]	PLT-O [10 ³ /μL]
							[pg]	[fmol]		
Range	0.1364	2.94	18.6	62.5	90.9	78.1	26.7	1.657	4.60	313
	0.0734	1.96	0.0	6.5	24.9	6.1	21.9	1.355	3.76	169
Mean	0.1049	2.45	7.6	34.5	57.9	42.1	24.3	1.506	4.18	241
Limit [%]	30.0	20.0	144.7	81.2	57.0	85.5	10.0	10.0	10.0	30.0
Limit [#]	0.0315	0.49	11.0	28.0	33.0	36.0	2.4	0.151	0.42	72

	RBC-He		HYPO-He [%]	HYPER-He [%]	MicroR [%]	MacroR [%]	AS-LYMP# [10 ³ /μL]	AS-LYMP% [%]	RE-LYMP# [10 ³ /μL]	RE-LYMP% [%]
	[pg]	[fmol]								
Range	33.1	2.052	2.4	1.0	16.2	5.6	0.50	7.2	0.77	11.1
	22.1	1.368	0.0	0.0	2.8	2.4	0.16	2.4	0.25	3.7
Mean	27.6	1.710	1.0	0.3	9.5	4.0	0.33	4.8	0.51	7.4
Limit [%]	20.0	20.0	140.0	233.3	70.0	40.0	50.0	50.0	50.0	50.0
Limit [#]	5.5	0.342	1.4	0.7	6.7	1.6	0.17	2.4	0.26	3.7

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XN CHECK ASSAY SHEET

for XN series

Level L3

LOT
4189 1103

06-Oct-2024

	RBC [10 ⁶ /μL]	HGB		HCT		MCV [fL]	MCH		MCHC	
		[g/dL]	[mmol/L]	[%]	[L/L]		[pg]	[fmol]	[g/dL]	[mmol/L]
Range	5.29	15.6	9.7	47.6	0.476	90.3	32.2	1.995	39.4	24.5
	4.79	14.4	8.9	39.0	0.390	81.7	27.4	1.699	29.8	18.5
Mean	5.04	15.0	9.3	43.3	0.433	86.0	29.8	1.847	34.6	21.5
Limit [%]	5.0	4.0	4.0	10.0	10.0	5.0	8.0	8.0	14.0	14.0
Limit [#]	0.25	0.6	0.4	4.3	0.043	4.3	2.4	0.148	4.8	3.0

	PLT [10 ³ /μL]	RDW-SD [fL]	RDW-CV [%]	PDW [fL]	PCT [%]	MPV [fL]	P-LCR [%]	PLT-F [10 ³ /μL]	IPF [%]	IPF# [10 ³ /μL]
Range	601	50.8	16.5	10.3	0.69	10.6	50.5	607	25.1	180.4
	501	41.6	13.5	8.1	0.41	9.2	0.0	449	15.1	31.8
Mean	551	46.2	15.0	9.2	0.55	9.9	20.2	528	20.1	106.1
Limit [%]	9.0	10.0	10.0	12.0	25.0	7.0	150.0	15.0	24.9	70.0
Limit [#]	50	4.6	1.5	1.1	0.14	0.7	30.3	79	5.0	74.3

	WBC [10 ³ /μL]	WBC-D [10 ³ /μL]	WBC-P [10 ³ /μL]	NEUT# [10 ³ /μL]	LYMPH# [10 ³ /μL]	MONO# [10 ³ /μL]	EO# [10 ³ /μL]	BASO# [10 ³ /μL]	IG# [10 ³ /μL]	NRBC# [10 ³ /μL]
Range	17.34	17.58	17.17	8.87	4.76	2.96	2.76	1.41	2.44	1.68
	15.22	15.44	15.07	6.55	3.18	0.98	0.92	0.17	1.46	0.56
Mean	16.28	16.51	16.12	7.71	3.97	1.97	1.84	0.79	1.95	1.12
Limit [%]	6.5	6.5	6.5	15.0	20.0	50.0	50.0	78.0	25.0	50.0
Limit [#]	1.06	1.07	1.05	1.16	0.79	0.99	0.92	0.62	0.49	0.56

	NEUT% [%]	LYMPH% [%]	MONO% [%]	EO% [%]	BASO% [%]	IG% [%]	NRBC% [%]	HPC% [%]	HPC# [10 ³ /μL]
Range	54.4	29.3	18.2	17.0	8.7	15.0	10.4	1.29	0.208
	40.2	19.5	6.0	5.6	1.1	9.0	3.4	0.69	0.112
Mean	47.3	24.4	12.1	11.3	4.9	12.0	6.9	0.99	0.160
Limit [%]	15.0	20.0	50.0	50.0	78.0	25.0	50.0	30.0	30.0
Limit [#]	7.1	4.9	6.1	5.7	3.8	3.0	3.5	0.30	0.048

	RET# [10 ⁶ /μL]	RET% [%]	HFR [%]	MFR [%]	LFR [%]	IRF [%]	RET-He		RBC-O [10 ⁶ /μL]	PLT-O [10 ³ /μL]
							[pg]	[fmol]		
Range	0.0766	1.58	17.4	56.7	97.9	71.1	28.2	1.748	5.38	619
	0.0412	0.76	0.0	0.7	31.9	0.0	23.0	1.430	4.40	457
Mean	0.0589	1.17	6.4	28.7	64.9	35.1	25.6	1.589	4.89	538
Limit [%]	30.0	35.0	171.9	97.6	50.9	102.6	10.0	10.0	10.0	15.0
Limit [#]	0.0177	0.41	11.0	28.0	33.0	36.0	2.6	0.159	0.49	81

	RBC-He		HYPO-He [%]	HYPER-He [%]	MicroR [%]	MacroR [%]	AS-LYMP# [10 ³ /μL]	AS-LYMP% [%]	RE-LYMP# [10 ³ /μL]	RE-LYMP% [%]
	[pg]	[fmol]								
Range	35.5	2.204	1.6	1.6	5.6	6.4	1.02	6.3	1.53	9.5
	23.7	1.470	0.0	0.0	0.6	2.8	0.34	2.1	0.51	3.1
Mean	29.6	1.837	0.5	0.6	3.1	4.6	0.68	4.2	1.02	6.3
Limit [%]	20.0	20.0	210.0	166.7	80.0	40.0	50.0	50.0	50.0	50.0
Limit [#]	5.9	0.367	1.1	1.0	2.5	1.8	0.34	2.1	0.51	3.2

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