

XN CHECK ASSAY SHEET

for XN series

Level L1

LOT
2086 1101

19-Jun-2022

	RBC [10 ⁶ /μL]	HGB		HCT		MCV [fL]	MCH		MCHC	
		[g/dL]	[mmol/L]	[%]	[L/L]		[pg]	[fmol]	[g/dL]	[mmol/L]
Range	2.61	6.0	3.7	18.9	0.189	72.5	25.0	1.549	38.1	23.7
	2.37	5.4	3.3	15.5	0.155	65.5	20.8	1.293	28.1	17.5
Mean	2.49	5.7	3.5	17.2	0.172	69.0	22.9	1.421	33.1	20.6
Limit [%]	5.0	5.3	5.3	10.0	10.0	5.0	9.0	9.0	15.0	15.0
Limit [#]	0.12	0.3	0.2	1.7	0.017	3.5	2.1	0.128	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	137	52.1	21.3	13.1	0.19	10.7	26.0	126	24.0	33.3
	59	42.7	17.5	1.5	0.00	7.1	0.0	54	14.0	0.9
Mean	98	47.4	19.4	7.3	0.09	8.9	10.4	90	19.0	17.1
Limit [%]	40.0	10.0	10.0	80.0	116.0	20.0	150.0	40.0	26.3	95.0
Limit [#]	39	4.7	1.9	5.8	0.10	1.8	15.6	36	5.0	16.2

	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	3.15	3.20	3.17	1.31	1.36	0.72	0.39	0.25	0.36	0.23
	2.57	2.62	2.59	0.87	0.58	0.08	0.13	0.03	0.20	0.07
Mean	2.86	2.91	2.88	1.09	0.97	0.40	0.26	0.14	0.28	0.15
Limit [%]	10.0	10.0	10.0	20.0	40.0	80.0	50.0	78.0	30.0	50.0
Limit [#]	0.29	0.29	0.29	0.22	0.39	0.32	0.13	0.11	0.08	0.08

	NEUT% [%]	LYMPH% [%]	MONO% [%]	EO% [%]	BASO% [%]	IG% [%]	NRBC% [%]	HPC% [%]	HPC# [10 ³ /μL]
Range	45.7	47.5	25.2	13.7	8.7	12.7	7.8	1.52	0.044
	30.5	20.3	2.8	4.5	1.1	6.9	2.6	0.50	0.014
Mean	38.1	33.9	14.0	9.1	4.9	9.8	5.2	1.01	0.029
Limit [%]	20.0	40.0	80.0	50.0	78.0	30.0	50.0	50.0	50.0
Limit [#]	7.6	13.6	11.2	4.6	3.8	2.9	2.6	0.51	0.015

	RET# [10 ⁶ /μL]	RET% [%]	HFR [%]	MFR [%]	LFR [%]	IRF [%]	RET-He		RBC-O [10 ⁶ /μL]	PLT-O [10 ³ /μL]
							[pg]	[fmol]		
Range	0.1869	6.94	17.4	61.0	93.6	75.4	26.8	1.663	2.73	148
	0.1007	4.62	0.0	5.0	27.6	3.4	22.0	1.361	2.23	64
Mean	0.1438	5.78	6.4	33.0	60.6	39.4	24.4	1.512	2.48	106
Limit [%]	30.0	20.0	171.9	84.9	54.5	91.4	10.0	10.0	10.0	40.0
Limit [#]	0.0431	1.16	11.0	28.0	33.0	36.0	2.4	0.151	0.25	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	28.6	1.770	11.9	0.9	52.3	2.7	0.26	9.0	0.40	13.9
	19.0	1.180	2.5	0.0	13.1	0.9	0.06	2.2	0.10	3.5
Mean	23.8	1.475	7.2	0.2	32.7	1.8	0.16	5.6	0.25	8.7
Limit [%]	20.0	20.0	65.1	350.0	60.0	50.0	60.0	60.0	60.0	60.0
Limit [#]	4.8	0.295	4.7	0.7	19.6	0.9	0.10	3.4	0.15	5.2

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XN CHECK ASSAY SHEET for XN series

Level L2

LOT
2086 1102

19-Jun-2022

	RBC [10 ⁶ /μL]	HGB		HCT		MCV [fL]	MCH		MCHC	
		[g/dL]	[mmol/L]	[%]	[L/L]		[pg]	[fmol]	[g/dL]	[mmol/L]
Range	4.28	11.3	7.0	35.4	0.354	82.7	29.2	1.807	39.0	24.2
	3.88	10.7	6.6	29.0	0.290	74.9	24.8	1.539	29.4	18.2
Mean	4.08	11.0	6.8	32.2	0.322	78.8	27.0	1.673	34.2	21.2
Limit [%]	5.0	3.0	3.0	10.0	10.0	5.0	8.0	8.0	14.0	14.0
Limit [#]	0.20	0.3	0.2	3.2	0.032	3.9	2.2	0.134	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	307	50.7	18.2	9.5	0.33	10.1	34.0	355	25.2	96.4
	227	41.5	14.8	6.9	0.17	8.5	0.0	191	15.2	13.8
Mean	267	46.1	16.5	8.2	0.25	9.3	13.6	273	20.2	55.1
Limit [%]	15.0	10.0	10.0	16.0	30.0	9.0	150.0	30.0	24.8	75.0
Limit [#]	40	4.6	1.7	1.3	0.08	0.8	20.4	82	5.0	41.3

	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	6.69	6.89	6.97	3.22	2.16	1.18	1.01	0.53	0.92	0.62
	5.93	6.11	5.81	2.38	1.44	0.30	0.33	0.07	0.50	0.20
Mean	6.31	6.50	6.39	2.80	1.80	0.74	0.67	0.30	0.71	0.41
Limit [%]	6.0	6.0	9.0	15.0	20.0	60.0	50.0	78.0	30.0	50.0
Limit [#]	0.38	0.39	0.58	0.42	0.36	0.44	0.34	0.23	0.21	0.21

	NEUT% [%]	LYMPH% [%]	MONO% [%]	EO% [%]	BASO% [%]	IG% [%]	NRBC% [%]	HPC% [%]	HPC# [10 ³ /μL]
Range	51.1	34.2	18.7	15.9	8.5	14.7	9.8	1.40	0.090
	37.7	22.8	4.7	5.3	1.1	7.9	3.2	0.60	0.038
Mean	44.4	28.5	11.7	10.6	4.8	11.3	6.5	1.00	0.064
Limit [%]	15.0	20.0	60.0	50.0	78.0	30.0	50.0	40.0	40.0
Limit [#]	6.7	5.7	7.0	5.3	3.7	3.4	3.3	0.40	0.026

	RET# [10 ⁶ /μL]	RET% [%]	HFR [%]	MFR [%]	LFR [%]	IRF [%]	RET-He		RBC-O [10 ⁶ /μL]	PLT-O [10 ³ /μL]
							[pg]	[fmol]		
Range	0.1192	2.70	17.6	63.2	91.2	77.8	27.9	1.730	4.42	356
	0.0642	1.80	0.0	7.2	25.2	5.8	22.9	1.416	3.62	192
Mean	0.0917	2.25	6.6	35.2	58.2	41.8	25.4	1.573	4.02	274
Limit [%]	30.0	20.0	166.7	79.6	56.7	86.1	10.0	10.0	10.0	30.0
Limit [#]	0.0275	0.45	11.0	28.0	33.0	36.0	2.5	0.157	0.40	82

	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	33.7	2.090	2.4	1.1	16.8	5.2	0.45	7.2	0.69	11.0
	22.5	1.394	0.0	0.0	3.0	2.2	0.15	2.4	0.23	3.6
Mean	28.1	1.742	1.0	0.4	9.9	3.7	0.30	4.8	0.46	7.3
Limit [%]	20.0	20.0	140.0	175.0	70.0	40.0	50.0	50.0	50.0	50.0
Limit [#]	5.6	0.348	1.4	0.7	6.9	1.5	0.15	2.4	0.23	3.7

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XN CHECK ASSAY SHEET for XN series

Level L3

LOT
2086 1103

19-Jun-2022

	RBC [10 ⁶ /μL]	HGB		HCT		MCV [fL]	MCH		MCHC	
		[g/dL]	[mmol/L]	[%]	[L/L]		[pg]	[fmol]	[g/dL]	[mmol/L]
Range	5.24	16.1	10.0	48.8	0.488	93.3	33.8	2.095	40.0	24.9
	4.74	15.1	9.4	40.0	0.400	84.5	28.8	1.785	30.2	18.7
Mean	4.99	15.6	9.7	44.4	0.444	88.9	31.3	1.940	35.1	21.8
Limit [%]	5.0	3.0	3.0	10.0	10.0	5.0	8.0	8.0	14.0	14.0
Limit [#]	0.25	0.5	0.3	4.4	0.044	4.4	2.5	0.155	4.9	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	589	52.0	16.3	9.4	0.63	9.8	32.0	616	24.9	181.4
	491	42.6	13.3	7.4	0.37	8.6	0.0	456	14.9	32.0
Mean	540	47.3	14.8	8.4	0.50	9.2	12.8	536	19.9	106.7
Limit [%]	9.0	10.0	10.0	12.0	25.0	7.0	150.0	15.0	25.1	70.0
Limit [#]	49	4.7	1.5	1.0	0.13	0.6	19.2	80	5.0	74.7

	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	17.49	17.94	17.65	8.86	4.82	3.30	2.67	1.42	2.43	1.68
	15.51	15.90	15.65	6.54	3.22	1.10	0.89	0.18	1.45	0.56
Mean	16.50	16.92	16.65	7.70	4.02	2.20	1.78	0.80	1.94	1.12
Limit [%]	6.0	6.0	6.0	15.0	20.0	50.0	50.0	78.0	25.0	50.0
Limit [#]	0.99	1.02	1.00	1.16	0.80	1.10	0.89	0.62	0.49	0.56

	NEUT% [%]	LYMPH% [%]	MONO% [%]	EO% [%]	BASO% [%]	IG% [%]	NRBC% [%]	HPC% [%]	HPC# [10 ³ /μL]
Range	53.7	29.3	20.0	16.2	8.5	14.8	10.2	1.30	0.216
	39.7	19.5	6.6	5.4	1.1	8.8	3.4	0.70	0.116
Mean	46.7	24.4	13.3	10.8	4.8	11.8	6.8	1.00	0.166
Limit [%]	15.0	20.0	50.0	50.0	78.0	25.0	50.0	30.0	30.0
Limit [#]	7.0	4.9	6.7	5.4	3.7	3.0	3.4	0.30	0.050

	RET# [10 ⁶ /μL]	RET% [%]	HFR [%]	MFR [%]	LFR [%]	IRF [%]	RET-He		RBC-O [10 ⁶ /μL]	PLT-O [10 ³ /μL]
							[pg]	[fmol]		
Range	0.0805	1.67	17.1	57.4	97.5	71.5	29.5	1.830	5.35	621
	0.0433	0.81	0.0	1.4	31.5	0.0	24.1	1.498	4.37	459
Mean	0.0619	1.24	6.1	29.4	64.5	35.5	26.8	1.664	4.86	540
Limit [%]	30.0	35.0	180.3	95.2	51.2	101.4	10.0	10.0	10.0	15.0
Limit [#]	0.0186	0.43	11.0	28.0	33.0	36.0	2.7	0.166	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	37.7	2.340	1.6	1.7	3.4	6.2	1.02	6.2	1.55	9.3
	25.1	1.560	0.0	0.0	0.4	2.6	0.34	2.0	0.51	3.1
Mean	31.4	1.950	0.5	0.7	1.9	4.4	0.68	4.1	1.03	6.2
Limit [%]	20.0	20.0	210.0	142.9	80.0	40.0	50.0	50.0	50.0	50.0
Limit [#]	6.3	0.390	1.1	1.0	1.5	1.8	0.34	2.1	0.52	3.1

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