

XN CHECK ASSAY SHEET

for XN series

Level L1

LOT
4021 1101

21-Apr-2024

	RBC [10 ⁶ /μL]	HGB		HCT		MCV [fL]	MCH		MCHC	
		[g/dL]	[mmol/L]	[%]	[L/L]		[pg]	[fmol]	[g/dL]	[mmol/L]
Range	2.75	6.5	4.1	20.6	0.206	74.8	25.8	1.601	38.2	23.7
	2.49	5.9	3.7	16.8	0.168	67.6	21.6	1.337	28.2	17.5
Mean	2.62	6.2	3.9	18.7	0.187	71.2	23.7	1.469	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	2.1	0.132	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	52.3	20.8	11.0	0.15	9.7	12.5	119	24.1	31.6
	54	42.7	17.0	1.2	0.00	6.5	0.0	51	14.1	0.8
Mean	90	47.5	18.9	6.1	0.07	8.1	5.0	85	19.1	16.2
Limit [%]	40.0	10.0	10.0	80.0	116.0	20.0	150.0	40.0	26.2	95.0
Limit [#]	36	4.8	1.9	4.9	0.08	1.6	7.5	34	5.0	15.4

	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	3.37	3.41	3.39	1.42	1.54	0.63	0.42	0.27	0.39	0.24
	2.75	2.79	2.77	0.94	0.66	0.07	0.14	0.03	0.21	0.08
Mean	3.06	3.10	3.08	1.18	1.10	0.35	0.28	0.15	0.30	0.16
Limit [%]	10.0	10.0	10.0	20.0	40.0	80.0	50.0	78.0	30.0	50.0
Limit [#]	0.31	0.31	0.31	0.24	0.44	0.28	0.14	0.12	0.09	0.08

	NEUT% [%]	LYMPH% [%]	MONO% [%]	EO% [%]	BASO% [%]	IG% [%]	NRBC% [%]	HPC% [%]	HPC# [10 ³ /μL]
Range	46.3	50.3	20.5	13.8	8.7	12.7	7.8	1.46	0.045
	30.9	21.5	2.3	4.6	1.1	6.9	2.6	0.48	0.015
Mean	38.6	35.9	11.4	9.2	4.9	9.8	5.2	0.97	0.030
Limit [%]	20.0	40.0	80.0	50.0	78.0	30.0	50.0	50.0	50.0
Limit [#]	7.7	14.4	9.1	4.6	3.8	2.9	2.6	0.49	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	0.1847	6.50	17.3	59.9	94.8	74.2	27.0	1.671	2.83	144
	0.0995	4.34	0.0	3.9	28.8	2.2	22.0	1.367	2.31	62
Mean	0.1421	5.42	6.3	31.9	61.8	38.2	24.5	1.519	2.57	103
Limit [%]	30.0	20.0	174.6	87.8	53.4	94.2	10.0	10.0	10.0	40.0
Limit [#]	0.0426	1.08	11.0	28.0	33.0	36.0	2.5	0.152	0.26	41

	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	29.5	1.829	7.2	0.9	43.5	3.2	0.29	9.4	0.45	14.7
	19.7	1.219	0.8	0.0	10.9	1.0	0.07	2.4	0.11	3.7
Mean	24.6	1.524	4.0	0.2	27.2	2.1	0.18	5.9	0.28	9.2
Limit [%]	20.0	20.0	79.5	350.0	60.0	50.0	60.0	60.0	60.0	60.0
Limit [#]	4.9	0.305	3.2	0.7	16.3	1.1	0.11	3.5	0.17	5.5

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.

Revised 05/2022



XN CHECK ASSAY SHEET

for XN series

Level L2

LOT
4021 1102

21-Apr-2024

	RBC [10 ⁶ /μL]	HGB		HCT		MCV [fL]	MCH		MCHC	
		[g/dL]	[mmol/L]	[%]	[L/L]		[pg]	[fmol]	[g/dL]	[mmol/L]
Range	4.46	11.9	7.4	37.1	0.371	83.3	28.9	1.798	38.5	23.9
	4.04	10.9	6.8	30.3	0.303	75.3	24.7	1.532	29.1	18.1
Mean	4.25	11.4	7.1	33.7	0.337	79.3	26.8	1.665	33.8	21.0
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	279	55.6	19.7	11.1	0.31	10.9	55.8	334	25.0	90.0
	207	45.4	16.1	8.1	0.17	9.1	0.0	180	15.0	12.8
Mean	243	50.5	17.9	9.6	0.24	10.0	22.3	257	20.0	51.4
Limit [%]	15.0	10.0	10.0	16.0	30.0	9.0	150.0	30.0	25.0	75.0
Limit [#]	36	5.1	1.8	1.5	0.07	0.9	33.5	77	5.0	38.6

	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	7.25	7.40	7.42	3.51	2.27	1.31	1.08	0.59	1.00	0.66
	6.37	6.50	6.20	2.59	1.51	0.33	0.36	0.07	0.54	0.22
Mean	6.81	6.95	6.81	3.05	1.89	0.82	0.72	0.33	0.77	0.44
Limit [%]	6.5	6.5	9.0	15.0	20.0	60.0	50.0	78.0	30.0	50.0
Limit [#]	0.44	0.45	0.61	0.46	0.38	0.49	0.36	0.26	0.23	0.22

	NEUT% [%]	LYMPH% [%]	MONO% [%]	EO% [%]	BASO% [%]	IG% [%]	NRBC% [%]	HPC% [%]	HPC# [10 ³ /μL]
Range	51.5	33.4	19.2	15.9	8.5	14.7	9.8	1.37	0.094
	38.1	22.2	4.8	5.3	1.1	7.9	3.2	0.59	0.040
Mean	44.8	27.8	12.0	10.6	4.8	11.3	6.5	0.98	0.067
Limit [%]	15.0	20.0	60.0	50.0	78.0	30.0	50.0	40.0	40.0
Limit [#]	6.7	5.6	7.2	5.3	3.7	3.4	3.3	0.39	0.027

	RET# [10 ⁹ /μL]	RET% [%]	HFR [%]	MFR [%]	LFR [%]	IRF [%]	RET-He		RBC-O [10 ⁹ /μL]	PLT-O [10 ⁹ /μL]
							[pg]	[fmol]		
Range	0.1281	2.78	17.9	64.3	89.8	79.2	27.4	1.697	4.53	325
	0.0689	1.86	0.0	8.3	23.8	7.2	22.4	1.389	3.71	175
Mean	0.0985	2.32	6.9	36.3	56.8	43.2	24.9	1.543	4.12	250
Limit [%]	30.0	20.0	159.4	77.1	58.1	83.3	10.0	10.0	10.0	30.0
Limit [#]	0.0296	0.46	11.0	28.0	33.0	36.0	2.5	0.154	0.41	75

	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	32.4	2.011	4.1	1.0	18.7	5.3	0.48	7.1	0.72	10.5
	21.6	1.341	0.0	0.0	3.3	2.3	0.16	2.3	0.24	3.5
Mean	27.0	1.676	2.0	0.3	11.0	3.8	0.32	4.7	0.48	7.0
Limit [%]	20.0	20.0	105.0	233.3	70.0	40.0	50.0	50.0	50.0	50.0
Limit [#]	5.4	0.335	2.1	0.7	7.7	1.5	0.16	2.4	0.24	3.5

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.

Revised 05/2022



XN CHECK ASSAY SHEET

for XN series

Level L3

LOT
4021 1103

21-Apr-2024

	RBC [10 ⁶ /μL]	HGB		HCT		MCV [fL]	MCH		MCHC	
		[g/dL]	[mmol/L]	[%]	[L/L]		[pg]	[fmol]	[g/dL]	[mmol/L]
Range	5.23	15.6	9.7	47.5	0.475	91.0	32.5	2.019	39.6	24.5
	4.73	14.4	8.9	38.9	0.389	82.4	27.7	1.719	29.8	18.5
Mean	4.98	15.0	9.3	43.2	0.432	86.7	30.1	1.869	34.7	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	0.150	4.9	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	608	55.2	17.7	10.9	0.69	10.5	52.8	637	25.2	190.2
	508	45.2	14.5	8.5	0.41	9.1	0.0	471	15.2	33.6
Mean	558	50.2	16.1	9.7	0.55	9.8	21.1	554	20.2	111.9
Limit [%]	9.0	10.0	10.0	12.0	25.0	7.0	150.0	15.0	24.8	70.0
Limit [#]	50	5.0	1.6	1.2	0.14	0.7	31.7	83	5.0	78.3

	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	17.09	17.36	17.05	9.22	4.20	2.75	2.88	1.39	2.53	1.65
	15.01	15.24	14.97	6.82	2.80	0.91	0.96	0.17	1.51	0.55
Mean	16.05	16.30	16.01	8.02	3.50	1.83	1.92	0.78	2.02	1.10
Limit [%]	6.5	6.5	6.5	15.0	20.0	50.0	50.0	78.0	25.0	50.0
Limit [#]	1.04	1.06	1.04	1.20	0.70	0.92	0.96	0.61	0.51	0.55

	NEUT% [%]	LYMPH% [%]	MONO% [%]	EO% [%]	BASO% [%]	IG% [%]	NRBC% [%]	HPC% [%]	HPC# [10 ³ /μL]
Range	57.4	26.2	17.1	18.0	8.7	15.8	10.4	1.27	0.204
	42.4	17.4	5.7	6.0	1.1	9.4	3.4	0.69	0.110
Mean	49.9	21.8	11.4	12.0	4.9	12.6	6.9	0.98	0.157
Limit [%]	15.0	20.0	50.0	50.0	78.0	25.0	50.0	30.0	30.0
Limit [#]	7.5	4.4	5.7	6.0	3.8	3.2	3.5	0.29	0.047

	RET# [10 ⁹ /μL]	RET% [%]	HFR [%]	MFR [%]	LFR [%]	IRF [%]	RET-He		RBC-O [10 ⁹ /μL]	PLT-O [10 ³ /μL]
							[pg]	[fmol]		
Range	0.0779	1.62	16.8	57.1	98.1	70.9	28.8	1.789	5.30	630
	0.0419	0.78	0.0	1.1	32.1	0.0	23.6	1.463	4.34	466
Mean	0.0599	1.20	5.8	29.1	65.1	34.9	26.2	1.626	4.82	548
Limit [%]	30.0	35.0	189.7	96.2	50.7	103.2	10.0	10.0	10.0	15.0
Limit [#]	0.0180	0.42	11.0	28.0	33.0	36.0	2.6	0.163	0.48	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	35.3	2.189	1.9	1.5	6.7	6.3	0.89	5.6	1.35	8.4
	23.5	1.459	0.0	0.0	0.7	2.7	0.29	1.8	0.45	2.8
Mean	29.4	1.824	0.7	0.5	3.7	4.5	0.59	3.7	0.90	5.6
Limit [%]	20.0	20.0	170.0	200.0	80.0	40.0	50.0	50.0	50.0	50.0
Limit [#]	5.9	0.365	1.2	1.0	3.0	1.8	0.30	1.9	0.45	2.8

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.

Revised 05/2022

