

# Difftrol

## Hematology Reference Control

9755 Research Drive  
Irvine, California 92618  
Telephone: (949) 453-0500  
(888) 903-5001  
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Lot No.: **PX400**  
Exp. Date: **2016-09-05** (Y/M/D)

	PARAMETERS	UNITS	LOW		NORMAL		HIGH	
			Lot No.	PX400L	Lot No.	PX400N	Lot No.	PX400H
PENTRA 60 (OT)	WBC	10 <sup>9</sup> /l	2.4	± 0.4	7.6	± 1.0	18.0	± 2.2
	RBC	10 <sup>12</sup> /l	2.41	± 0.16	4.62	± 0.20	5.06	± 0.25
	HGB	g/dl	6.9	± 0.4	13.3	± 0.5	16.1	± 0.6
	HCT	%	19.5	± 1.5	36.5	± 2.0	43.5	± 2.5
	MCV	µm <sup>3</sup> /fl	81	± 5	79	± 5	86	± 5
	MCH	pg	28.6	± 2.0	28.8	± 2.0	31.8	± 2.5
	MCHC	g/dl	35.3	± 3.0	36.4	± 3.0	37.0	± 3.0
	RDW	%	13.3	± 4.0	13.0	± 4.0	12.8	± 4.0
	PLT	10 <sup>9</sup> /l	70	± 20	245	± 30	490	± 50
	MPV	µm <sup>3</sup> /fl	9.9	± 2.0	9.5	± 2.0	8.7	± 2.0
	LYM	%	29.0	± 12.0	33.0	± 8.0	15.6	± 8.0
	MON	%	4.5	± 4.0	5.5	± 5.2	5.0	± 4.5
	NEU	%	57.0	± 10.0	53.5	± 10.0	70.0	± 10.0
	EOS	%	6.0	± 5.0	4.5	± 4.0	5.0	± 4.5
	BAS	%	3.5	± 3.3	3.5	± 3.4	4.4	± 4.2
	LYM	≠	0.70	± 0.33	2.51	± 0.70	2.81	± 1.50
	MON	≠	0.11	± 0.10	0.42	± 0.39	0.90	± 0.81
	NEU	≠	1.37	± 0.35	4.07	± 0.90	12.60	± 1.90
EOS	≠	0.14	± 0.12	0.34	± 0.30	0.90	± 0.81	
BAS	≠	0.08	± 0.08	0.27	± 0.26	0.79	± 0.76	
PENTRA 60 C+	WBC	10 <sup>9</sup> /l	2.4	± 0.4	7.6	± 1.0	18.0	± 2.2
	RBC	10 <sup>12</sup> /l	2.41	± 0.16	4.62	± 0.20	5.06	± 0.25
	HGB	g/dl	6.9	± 0.4	13.3	± 0.5	16.1	± 0.6
	HCT	%	19.5	± 1.5	36.5	± 2.0	43.5	± 2.5
	MCV	µm <sup>3</sup> /fl	81	± 5	79	± 5	86	± 5
	MCH	pg	28.6	± 2.0	28.8	± 2.0	31.8	± 2.5
	MCHC	g/dl	35.3	± 3.0	36.4	± 3.0	37.0	± 3.0
	RDW	%	13.3	± 4.0	13.0	± 4.0	12.8	± 4.0
	PLT	10 <sup>9</sup> /l	70	± 20	245	± 30	490	± 50
	MPV	µm <sup>3</sup> /fl	9.9	± 2.0	9.5	± 2.0	8.7	± 2.0
	LYM	%	29.0	± 12.0	33.0	± 8.0	15.6	± 8.0
	MON	%	4.5	± 4.0	5.5	± 5.2	5.0	± 4.5
	NEU	%	57.0	± 10.0	53.5	± 10.0	70.0	± 10.0
	EOS	%	6.0	± 5.0	4.5	± 4.0	5.0	± 4.5
	BAS	%	3.5	± 3.3	3.5	± 3.4	4.4	± 4.2
	LYM	≠	0.70	± 0.33	2.51	± 0.70	2.81	± 1.50
	MON	≠	0.11	± 0.10	0.42	± 0.39	0.90	± 0.81
	NEU	≠	1.37	± 0.35	4.07	± 0.90	12.60	± 1.90
EOS	≠	0.14	± 0.12	0.34	± 0.30	0.90	± 0.81	
BAS	≠	0.08	± 0.08	0.27	± 0.26	0.79	± 0.76	
PENTRA 80 PENTRA XL80	WBC	10 <sup>9</sup> /l	2.4	± 0.4	7.5	± 1.0	17.7	± 2.2
	RBC	10 <sup>12</sup> /l	2.37	± 0.16	4.64	± 0.20	5.12	± 0.25
	HGB	g/dl	6.9	± 0.4	13.4	± 0.5	16.2	± 0.6
	HCT	%	19.7	± 1.5	37.1	± 2.0	44.5	± 2.5
	MCV	µm <sup>3</sup> /fl	83	± 5	80	± 5	87	± 5
	MCH	pg	29.1	± 2.0	28.9	± 2.0	31.6	± 2.5
	MCHC	g/dl	35.1	± 3.0	36.1	± 3.0	36.4	± 3.0
	RDW	%	13.0	± 4.0	13.5	± 4.0	13.0	± 4.0
	PLT	10 <sup>9</sup> /l	66	± 20	248	± 30	495	± 50
	MPV	µm <sup>3</sup> /fl	10.4	± 2.0	9.9	± 2.0	9.1	± 2.0
	LYM	%	28.0	± 12.0	32.7	± 8.0	15.9	± 8.0
	MON	%	4.1	± 4.0	5.4	± 5.2	4.8	± 4.5
	NEU	%	58.6	± 10.0	54.0	± 10.0	70.0	± 10.0
	EOS	%	6.0	± 5.0	4.5	± 4.0	5.0	± 4.5
	BAS	%	3.3	± 3.3	3.4	± 3.4	4.3	± 4.2
	LYM	≠	0.67	± 0.33	2.45	± 0.70	2.81	± 1.50
	MON	≠	0.10	± 0.10	0.41	± 0.39	0.85	± 0.81
	NEU	≠	1.41	± 0.35	4.05	± 0.90	12.39	± 1.90
EOS	≠	0.14	± 0.12	0.34	± 0.30	0.89	± 0.81	
BAS	≠	0.08	± 0.08	0.26	± 0.26	0.76	± 0.76	

For technical assistance, call the Customer Support Center at 1-888-903-5001.

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	PARAMETERS	UNITS	LOW		NORMAL		HIGH	
			Lot No.	PX400L	Lot No.	PX400N	Lot No.	PX400H
PENTRA XLR	WBC	10 <sup>9</sup> /l	2.4	± 0.4	7.5	± 1.0	17.7	± 2.2
	RBC	10 <sup>12</sup> /l	2.37	± 0.16	4.64	± 0.20	5.12	± 0.25
	HGB	g/dl	6.9	± 0.4	13.4	± 0.5	16.2	± 0.6
	HCT	%	19.7	± 1.5	37.1	± 2.0	44.5	± 2.5
	MCV	µm <sup>3</sup> /fl	83	± 5	80	± 5	87	± 5
	MCH	pg	29.1	± 2.0	28.9	± 2.0	31.6	± 2.5
	MCHC	g/dl	35.1	± 3.0	36.1	± 3.0	36.4	± 3.0
	RDW	%	13.0	± 4.0	13.5	± 4.0	13.0	± 4.0
	PLT	10 <sup>9</sup> /l	66	± 20	248	± 30	495	± 50
	MPV	µm <sup>3</sup> /fl	10.4	± 2.0	9.9	± 2.0	9.1	± 2.0
	NEU	≠	1.41	± 0.35	4.05	± 0.90	12.39	± 1.90
	NEU	%	58.6	± 10.0	54.0	± 10.0	70.0	± 10.0
	LYM	≠	0.67	± 0.33	2.45	± 0.70	2.81	± 1.50
	LYM	%	28.0	± 12.0	32.7	± 8.0	15.9	± 8.0
	MON	≠	0.10	± 0.10	0.41	± 0.39	0.85	± 0.81
	MON	%	4.1	± 4.0	5.4	± 5.2	4.8	± 4.5
	EOS	≠	0.14	± 0.12	0.34	± 0.30	0.89	± 0.81
EOS	%	6.0	± 5.0	4.5	± 4.0	5.0	± 4.5	
BAS	≠	0.08	± 0.08	0.26	± 0.26	0.76	± 0.76	
BAS	%	3.3	± 3.3	3.4	± 3.4	4.3	± 4.2	
PENTRA 120	WBC	10 <sup>9</sup> /l	2.4	± 0.4	7.8	± 1.0	18.6	± 2.2
	RBC	10 <sup>12</sup> /l	2.40	± 0.16	4.63	± 0.20	5.14	± 0.25
	HGB	g/dl	7.0	± 0.4	13.3	± 0.5	16.1	± 0.6
	HCT	%	19.9	± 1.5	37.0	± 2.0	44.7	± 2.5
	MCV	µm <sup>3</sup> /fl	83	± 5	80	± 5	87	± 5
	MCH	pg	29.2	± 2.0	28.7	± 2.0	31.3	± 2.5
	MCHC	g/dl	35.1	± 3.0	35.9	± 3.0	36.0	± 3.0
	RDW	%	15.7	± 4.0	17.0	± 4.0	14.9	± 4.0
	PLT	10 <sup>9</sup> /l	70	± 20	250	± 30	490	± 50
	MPV	µm <sup>3</sup> /fl	10.0	± 2.0	9.5	± 2.0	8.8	± 2.0
	NEU	≠	1.43	± 0.35	4.23	± 0.90	13.5	± 1.90
	NEU	%	59.4	± 10.0	54.2	± 10.0	72.4	± 10.0
	LYM	≠	0.67	± 0.33	2.61	± 0.70	2.81	± 1.50
	LYM	%	27.8	± 12.0	33.4	± 8.0	15.1	± 8.0
	MON	≠	0.11	± 0.11	0.41	± 0.41	1.04	± 1.02
	MON	%	4.6	± 4.6	5.3	± 5.3	5.6	± 5.5
	EOS	≠	0.14	± 0.14	0.32	± 0.32	0.82	± 0.82
EOS	%	5.7	± 5.7	4.1	± 4.1	4.4	± 4.4	
BAS	≠	0.06	± 0.06	0.23	± 0.23	0.47	± 0.47	
BAS	%	2.5	± 2.5	3.0	± 3.0	2.5	± 2.5	
PENTRA DX/DF 120 PENTRA DX/DF NEXUS	WBC	10 <sup>9</sup> /l	2.4	± 0.4	7.8	± 1.0	18.6	± 2.2
	RBC	10 <sup>12</sup> /l	2.40	± 0.16	4.63	± 0.20	5.14	± 0.25
	HGB	g/dl	7.0	± 0.4	13.3	± 0.5	16.1	± 0.6
	HCT	%	19.9	± 1.5	37.0	± 2.0	44.7	± 2.5
	MCV	µm <sup>3</sup> /fl	83	± 5	80	± 5	87	± 5
	MCH	pg	29.2	± 2.0	28.7	± 2.0	31.3	± 2.5
	MCHC	g/dl	35.1	± 3.0	35.9	± 3.0	36.0	± 3.0
	RDW	%	15.7	± 4.0	17.0	± 4.0	14.9	± 4.0
	PLT	10 <sup>9</sup> /l	70	± 20	250	± 30	490	± 50
	MPV	µm <sup>3</sup> /fl	10.0	± 2.0	9.5	± 2.0	8.8	± 2.0
	NEU	≠	1.48	± 0.35	4.36	± 0.90	13.7	± 1.90
	NEU	%	61.5	± 10.0	55.9	± 10.0	73.5	± 10.0
	LYM	≠	0.61	± 0.33	2.43	± 0.70	2.60	± 1.50
	LYM	%	25.3	± 12.0	31.2	± 8.0	14.0	± 8.0
	MON	≠	0.11	± 0.11	0.42	± 0.41	1.02	± 1.02
	MON	%	4.7	± 4.6	5.4	± 5.3	5.5	± 5.5
	EOS	≠	0.14	± 0.14	0.35	± 0.32	0.84	± 0.82
EOS	%	6.0	± 5.7	4.5	± 4.1	4.5	± 4.4	
BAS	≠	0.06	± 0.06	0.23	± 0.23	0.47	± 0.47	
BAS	%	2.5	± 2.5	3.0	± 3.0	2.5	± 2.5	

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