

# Difftrol

## Hematology Reference Control

9755 Research Drive  
Irvine, California 92618  
Telephone: (949) 453-0500  
(888) 903-5001  
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Lot No.: **PX402**  
Exp. Date: **2017-01-05** (Y/M/D)

	PARAMETERS	UNITS	LOW		NORMAL		HIGH	
			Lot No.	PX402L	Lot No.	PX402N	Lot No.	PX402H
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	2.35	± 0.16	4.54	± 0.20	5.05	± 0.25
	HGB	g/dl	6.8	± 0.4	13.5	± 0.5	16.4	± 0.6
	HCT	%	19.0	± 1.5	36.8	± 2.0	44.4	± 2.5
	MCV	µm <sup>3</sup> /fl	81	± 5	81	± 5	88	± 5
	MCH	pg	28.9	± 2.0	29.7	± 2.0	32.5	± 2.5
	MCHC	g/dl	35.7	± 3.0	36.7	± 3.0	36.9	± 3.0
	RDW	%	13.4	± 4.0	13.4	± 4.0	12.7	± 4.0
	PLT	10 <sup>9</sup> /l	70	± 20	248	± 30	490	± 50
	MPV	µm <sup>3</sup> /fl	8.9	± 2.0	9.2	± 2.0	8.8	± 2.0
	LYM	%	28.7	± 12.0	30.0	± 8.0	14.0	± 8.0
	MON	%	4.5	± 3.7	4.5	± 3.5	4.5	± 3.6
	NEU	%	57.5	± 10.0	57.9	± 10.0	72.0	± 10.0
	EOS	%	6.0	± 4.9	3.8	± 3.5	5.0	± 4.2
	BAS	%	3.3	± 3.3	3.8	± 3.4	4.5	± 4.2
	LYM	≠	0.69	± 0.33	2.28	± 0.70	2.52	± 1.50
	MON	≠	0.11	± 0.09	0.34	± 0.27	0.81	± 0.64
	NEU	≠	1.38	± 0.35	4.40	± 0.90	12.96	± 1.90
EOS	≠	0.14	± 0.12	0.29	± 0.27	0.90	± 0.76	
BAS	≠	0.08	± 0.08	0.29	± 0.26	0.81	± 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	2.35	± 0.16	4.54	± 0.20	5.05	± 0.25
	HGB	g/dl	6.8	± 0.4	13.5	± 0.5	16.4	± 0.6
	HCT	%	19.0	± 1.5	36.8	± 2.0	44.4	± 2.5
	MCV	µm <sup>3</sup> /fl	81	± 5	81	± 5	88	± 5
	MCH	pg	28.9	± 2.0	29.7	± 2.0	32.5	± 2.5
	MCHC	g/dl	35.7	± 3.0	36.7	± 3.0	36.9	± 3.0
	RDW	%	13.4	± 4.0	13.4	± 4.0	12.7	± 4.0
	PLT	10 <sup>9</sup> /l	70	± 20	248	± 30	490	± 50
	MPV	µm <sup>3</sup> /fl	8.9	± 2.0	9.2	± 2.0	8.8	± 2.0
	LYM	%	28.7	± 12.0	30.0	± 8.0	14.0	± 8.0
	MON	%	4.5	± 3.7	4.5	± 3.5	4.5	± 3.6
	NEU	%	57.5	± 10.0	57.9	± 10.0	72.0	± 10.0
	EOS	%	6.0	± 4.9	3.8	± 3.5	5.0	± 4.2
	BAS	%	3.3	± 3.3	3.8	± 3.4	4.5	± 4.2
	LYM	≠	0.69	± 0.33	2.28	± 0.70	2.52	± 1.50
	MON	≠	0.11	± 0.09	0.34	± 0.27	0.81	± 0.64
	NEU	≠	1.38	± 0.35	4.40	± 0.90	12.96	± 1.90
EOS	≠	0.14	± 0.12	0.29	± 0.27	0.90	± 0.76	
BAS	≠	0.08	± 0.08	0.29	± 0.26	0.81	± 0.76	
PENTRA 80 PENTRA XL80	WBC	10 <sup>9</sup> /l	2.4	± 0.4	7.6	± 1.0	17.7	± 2.2
	RBC	10 <sup>12</sup> /l	2.32	± 0.16	4.54	± 0.20	5.12	± 0.25
	HGB	g/dl	6.8	± 0.4	13.6	± 0.5	16.5	± 0.6
	HCT	%	19.3	± 1.5	36.8	± 2.0	45.1	± 2.5
	MCV	µm <sup>3</sup> /fl	83	± 5	81	± 5	88	± 5
	MCH	pg	29.3	± 2.0	30.0	± 2.0	32.2	± 2.5
	MCHC	g/dl	35.3	± 3.0	37.0	± 3.0	36.6	± 3.0
	RDW	%	13.2	± 4.0	13.8	± 4.0	13.3	± 4.0
	PLT	10 <sup>9</sup> /l	68	± 20	243	± 30	495	± 50
	MPV	µm <sup>3</sup> /fl	9.2	± 2.0	9.4	± 2.0	9.0	± 2.0
	LYM	%	27.8	± 12.0	29.7	± 8.0	13.4	± 8.0
	MON	%	3.7	± 3.7	4.0	± 3.5	4.5	± 3.6
	NEU	%	58.7	± 10.0	58.5	± 10.0	73.2	± 10.0
	EOS	%	6.5	± 4.9	4.2	± 3.5	4.5	± 4.2
	BAS	%	3.3	± 3.3	3.6	± 3.4	4.4	± 4.2
	LYM	≠	0.67	± 0.33	2.26	± 0.70	2.37	± 1.50
	MON	≠	0.09	± 0.09	0.30	± 0.27	0.80	± 0.64
	NEU	≠	1.41	± 0.35	4.45	± 0.90	12.96	± 1.90
EOS	≠	0.16	± 0.12	0.32	± 0.27	0.80	± 0.76	
BAS	≠	0.08	± 0.08	0.27	± 0.26	0.78	± 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.	PX402L	Lot No.	PX402N	Lot No.	PX402H
PENTRA XLR	WBC	10 <sup>9</sup> /l		2.4 ± 0.4		7.6 ± 1.0		17.7 ± 2.2
	RBC	10 <sup>12</sup> /l		2.32 ± 0.16		4.54 ± 0.20		5.12 ± 0.25
	HGB	g/dl		6.8 ± 0.4		13.6 ± 0.5		16.5 ± 0.6
	HCT	%		19.3 ± 1.5		36.8 ± 2.0		45.1 ± 2.5
	MCV	µm <sup>3</sup> /fl		83 ± 5		81 ± 5		88 ± 5
	MCH	pg		29.3 ± 2.0		30.0 ± 2.0		32.2 ± 2.5
	MCHC	g/dl		35.3 ± 3.0		37.0 ± 3.0		36.6 ± 3.0
	RDW	%		13.2 ± 4.0		13.8 ± 4.0		13.3 ± 4.0
	PLT	10 <sup>9</sup> /l		68 ± 20		243 ± 30		495 ± 50
	MPV	µm <sup>3</sup> /fl		9.2 ± 2.0		9.4 ± 2.0		9.0 ± 2.0
	NEU	≠		1.41 ± 0.35		4.45 ± 0.90		12.96 ± 1.90
	NEU	%		58.7 ± 10.0		58.5 ± 10.0		73.2 ± 10.0
	LYM	≠		0.67 ± 0.33		2.26 ± 0.70		2.37 ± 1.50
	LYM	%		27.8 ± 12.0		29.7 ± 8.0		13.4 ± 8.0
	MON	≠		0.09 ± 0.09		0.30 ± 0.27		0.80 ± 0.64
	MON	%		3.7 ± 3.7		4.0 ± 3.5		4.5 ± 3.6
	EOS	≠		0.16 ± 0.12		0.32 ± 0.27		0.80 ± 0.76
EOS	%		6.5 ± 4.9		4.2 ± 3.5		4.5 ± 4.2	
BAS	≠		0.08 ± 0.08		0.27 ± 0.26		0.78 ± 0.76	
BAS	%		3.3 ± 3.3		3.6 ± 3.4		4.4 ± 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		2.35 ± 0.16		4.54 ± 0.20		5.16 ± 0.25
	HGB	g/dl		6.9 ± 0.4		13.5 ± 0.5		16.3 ± 0.6
	HCT	%		19.5 ± 1.5		37.2 ± 2.0		45.4 ± 2.5
	MCV	µm <sup>3</sup> /fl		83 ± 5		82 ± 5		88 ± 5
	MCH	pg		29.4 ± 2.0		29.7 ± 2.0		31.6 ± 2.5
	MCHC	g/dl		35.4 ± 3.0		36.3 ± 3.0		35.9 ± 3.0
	RDW	%		15.0 ± 4.0		16.8 ± 4.0		14.7 ± 4.0
	PLT	10 <sup>9</sup> /l		72 ± 20		250 ± 30		490 ± 50
	MPV	µm <sup>3</sup> /fl		9.5 ± 2.0		9.6 ± 2.0		9.2 ± 2.0
	NEU	≠		1.41 ± 0.35		4.56 ± 0.90		13.9 ± 1.90
	NEU	%		58.8 ± 10.0		58.5 ± 10.0		74.5 ± 10.0
	LYM	≠		0.68 ± 0.33		2.33 ± 0.70		2.38 ± 1.50
	LYM	%		28.3 ± 12.0		29.9 ± 8.0		12.8 ± 8.0
	MON	≠		0.10 ± 0.10		0.35 ± 0.35		0.93 ± 0.93
	MON	%		4.1 ± 4.1		4.5 ± 4.5		5.0 ± 5.0
	EOS	≠		0.15 ± 0.15		0.32 ± 0.32		0.97 ± 0.97
EOS	%		6.3 ± 6.3		4.1 ± 4.1		5.2 ± 5.2	
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		2.35 ± 0.16		4.54 ± 0.20		5.16 ± 0.25
	HGB	g/dl		6.9 ± 0.4		13.5 ± 0.5		16.3 ± 0.6
	HCT	%		19.5 ± 1.5		37.2 ± 2.0		45.4 ± 2.5
	MCV	µm <sup>3</sup> /fl		83 ± 5		82 ± 5		88 ± 5
	MCH	pg		29.4 ± 2.0		29.7 ± 2.0		31.6 ± 2.5
	MCHC	g/dl		35.4 ± 3.0		36.3 ± 3.0		35.9 ± 3.0
	RDW	%		15.0 ± 4.0		16.8 ± 4.0		14.7 ± 4.0
	PLT	10 <sup>9</sup> /l		72 ± 20		250 ± 30		490 ± 50
	MPV	µm <sup>3</sup> /fl		9.5 ± 2.0		9.6 ± 2.0		9.2 ± 2.0
	NEU	≠		1.46 ± 0.35		4.68 ± 0.90		14.0 ± 1.90
	NEU	%		60.9 ± 10.0		60.0 ± 10.0		75.4 ± 10.0
	LYM	≠		0.62 ± 0.33		2.18 ± 0.70		2.21 ± 1.50
	LYM	%		25.7 ± 12.0		27.9 ± 8.0		11.9 ± 8.0
	MON	≠		0.10 ± 0.10		0.37 ± 0.35		0.93 ± 0.93
	MON	%		4.2 ± 4.1		4.7 ± 4.5		5.0 ± 5.0
	EOS	≠		0.16 ± 0.15		0.34 ± 0.32		0.97 ± 0.97
EOS	%		6.7 ± 6.3		4.4 ± 4.1		5.2 ± 5.2	
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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