

# Difftrol

## Hematology Reference Control

9755 Research Drive  
Irvine, California 92618  
Telephone: (949) 453-0500  
(888) 903-5001  
Fax: (949) 753-0533

Lot No.: **PX405**  
Exp. Date: **2017-07-05** (Y/M/D)

	PARAMETERS	UNITS	LOW		NORMAL		HIGH	
			Lot No.	PX405L	Lot No.	PX405N	Lot No.	PX405H
PENTRA 60 (OT)	WBC	10 <sup>9</sup> /l	2.5	± 0.4	7.5	± 1.0	18.2	± 2.2
	RBC	10 <sup>12</sup> /l	2.37	± 0.16	4.62	± 0.20	5.14	± 0.25
	HGB	g/dl	6.9	± 0.4	13.6	± 0.5	16.7	± 0.6
	HCT	%	19.2	± 1.5	37.0	± 2.0	45.7	± 2.5
	MCV	µm <sup>3</sup> /fl	81	± 5	80	± 5	89	± 5
	MCH	pg	29.1	± 2.0	29.4	± 2.0	32.5	± 2.5
	MCHC	g/dl	35.9	± 3.0	36.8	± 3.0	36.5	± 3.0
	RDW	%	13.0	± 4.0	12.6	± 4.0	12.8	± 4.0
	PLT	10 <sup>9</sup> /l	75	± 20	250	± 30	497	± 50
	MPV	µm <sup>3</sup> /fl	9.6	± 2.0	9.5	± 2.0	8.6	± 2.0
	LYM	%	30.1	± 12.0	33.5	± 8.0	15.5	± 8.0
	MON	%	4.2	± 3.2	6.0	± 4.0	5.5	± 3.5
	NEU	%	56.0	± 10.0	54.0	± 10.0	69.5	± 10.0
	EOS	%	6.5	± 5.0	3.1	± 3.0	5.0	± 4.0
	BAS	%	3.2	± 3.2	3.4	± 3.0	4.5	± 4.2
	LYM	≠	0.75	± 0.33	2.51	± 0.70	2.82	± 1.50
	MON	≠	0.11	± 0.08	0.45	± 0.30	1.00	± 0.63
	NEU	≠	1.40	± 0.35	4.05	± 0.90	12.65	± 1.90
EOS	≠	0.16	± 0.13	0.23	± 0.23	0.91	± 0.73	
BAS	≠	0.08	± 0.08	0.26	± 0.23	0.82	± 0.76	
PENTRA 60 C+	WBC	10 <sup>9</sup> /l	2.5	± 0.4	7.5	± 1.0	18.2	± 2.2
	RBC	10 <sup>12</sup> /l	2.37	± 0.16	4.62	± 0.20	5.14	± 0.25
	HGB	g/dl	6.9	± 0.4	13.6	± 0.5	16.7	± 0.6
	HCT	%	19.2	± 1.5	37.0	± 2.0	45.7	± 2.5
	MCV	µm <sup>3</sup> /fl	81	± 5	80	± 5	89	± 5
	MCH	pg	29.1	± 2.0	29.4	± 2.0	32.5	± 2.5
	MCHC	g/dl	35.9	± 3.0	36.8	± 3.0	36.5	± 3.0
	RDW	%	13.0	± 4.0	12.6	± 4.0	12.8	± 4.0
	PLT	10 <sup>9</sup> /l	75	± 20	250	± 30	497	± 50
	MPV	µm <sup>3</sup> /fl	9.6	± 2.0	9.5	± 2.0	8.6	± 2.0
	LYM	%	30.1	± 12.0	33.5	± 8.0	15.5	± 8.0
	MON	%	4.2	± 3.2	6.0	± 4.0	5.5	± 3.5
	NEU	%	56.0	± 10.0	54.0	± 10.0	69.5	± 10.0
	EOS	%	6.5	± 5.0	3.1	± 3.0	5.0	± 4.0
	BAS	%	3.2	± 3.2	3.4	± 3.0	4.5	± 4.2
	LYM	≠	0.75	± 0.33	2.51	± 0.70	2.82	± 1.50
	MON	≠	0.11	± 0.08	0.45	± 0.30	1.00	± 0.63
	NEU	≠	1.40	± 0.35	4.05	± 0.90	12.65	± 1.90
EOS	≠	0.16	± 0.13	0.23	± 0.23	0.91	± 0.73	
BAS	≠	0.08	± 0.08	0.26	± 0.23	0.82	± 0.76	
PENTRA 80 PENTRA XL80	WBC	10 <sup>9</sup> /l	2.5	± 0.4	7.4	± 1.0	17.9	± 2.2
	RBC	10 <sup>12</sup> /l	2.31	± 0.16	4.63	± 0.20	5.19	± 0.25
	HGB	g/dl	6.9	± 0.4	13.6	± 0.5	16.7	± 0.6
	HCT	%	19.4	± 1.5	37.5	± 2.0	46.2	± 2.5
	MCV	µm <sup>3</sup> /fl	84	± 5	81	± 5	89	± 5
	MCH	pg	29.9	± 2.0	29.4	± 2.0	32.2	± 2.5
	MCHC	g/dl	35.6	± 3.0	36.3	± 3.0	36.2	± 3.0
	RDW	%	12.8	± 4.0	13.1	± 4.0	13.1	± 4.0
	PLT	10 <sup>9</sup> /l	72	± 20	248	± 30	497	± 50
	MPV	µm <sup>3</sup> /fl	9.8	± 2.0	9.8	± 2.0	8.9	± 2.0
	LYM	%	31.3	± 12.0	34.3	± 8.0	16.4	± 8.0
	MON	%	3.9	± 3.2	4.9	± 4.0	4.4	± 3.5
	NEU	%	55.5	± 10.0	54.2	± 10.0	70.0	± 10.0
	EOS	%	6.1	± 5.0	3.2	± 3.0	4.8	± 4.0
	BAS	%	3.2	± 3.2	3.4	± 3.0	4.4	± 4.2
	LYM	≠	0.78	± 0.33	2.54	± 0.70	2.94	± 1.50
	MON	≠	0.10	± 0.08	0.36	± 0.30	0.79	± 0.63
	NEU	≠	1.39	± 0.35	4.01	± 0.90	12.53	± 1.90
EOS	≠	0.15	± 0.13	0.24	± 0.23	0.86	± 0.73	
BAS	≠	0.08	± 0.08	0.25	± 0.23	0.79	± 0.76	

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

AS417-008 Rev 03/16

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	PARAMETERS	UNITS	LOW		NORMAL		HIGH	
			Lot No.	PX405L	Lot No.	PX405N	Lot No.	PX405H
PENTRA XLR	WBC	10 <sup>9</sup> /l		2.5 ± 0.4		7.4 ± 1.0		17.9 ± 2.2
	RBC	10 <sup>12</sup> /l		2.31 ± 0.16		4.63 ± 0.20		5.19 ± 0.25
	HGB	g/dl		6.9 ± 0.4		13.6 ± 0.5		16.7 ± 0.6
	HCT	%		19.4 ± 1.5		37.0 ± 2.0		45.7 ± 2.5
	MCV	µm <sup>3</sup> /fl		84 ± 5		80 ± 5		88 ± 5
	MCH	pg		29.9 ± 2.0		29.4 ± 2.0		32.2 ± 2.5
	MCHC	g/dl		35.6 ± 3.0		36.7 ± 3.0		36.6 ± 3.0
	RDW	%		12.8 ± 4.0		13.1 ± 4.0		13.1 ± 4.0
	PLT	10 <sup>9</sup> /l		72 ± 20		248 ± 30		497 ± 50
	MPV	µm <sup>3</sup> /fl		9.8 ± 2.0		9.8 ± 2.0		8.9 ± 2.0
	NEU	≠		1.39 ± 0.35		4.01 ± 0.90		12.53 ± 1.90
	NEU	%		55.5 ± 10.0		54.2 ± 10.0		70.0 ± 10.0
	LYM	≠		0.78 ± 0.33		2.54 ± 0.70		2.94 ± 1.50
	LYM	%		31.3 ± 12.0		34.3 ± 8.0		16.4 ± 8.0
	MON	≠		0.10 ± 0.08		0.36 ± 0.30		0.79 ± 0.63
	MON	%		3.9 ± 3.2		4.9 ± 4.0		4.4 ± 3.5
	EOS	≠		0.15 ± 0.13		0.24 ± 0.23		0.86 ± 0.73
EOS	%		6.1 ± 5.0		3.2 ± 3.0		4.8 ± 4.0	
BAS	≠		0.08 ± 0.08		0.25 ± 0.23		0.79 ± 0.76	
BAS	%		3.2 ± 3.2		3.4 ± 3.0		4.4 ± 4.2	
PENTRA 120	WBC	10 <sup>9</sup> /l		2.6 ± 0.4		7.7 ± 1.0		18.8 ± 2.2
	RBC	10 <sup>12</sup> /l		2.36 ± 0.16		4.66 ± 0.20		5.25 ± 0.25
	HGB	g/dl		7.0 ± 0.4		13.5 ± 0.5		16.6 ± 0.6
	HCT	%		19.8 ± 1.5		38.2 ± 2.0		46.7 ± 2.5
	MCV	µm <sup>3</sup> /fl		84 ± 5		82 ± 5		89 ± 5
	MCH	pg		29.7 ± 2.0		29.0 ± 2.0		31.6 ± 2.5
	MCHC	g/dl		35.3 ± 3.0		35.3 ± 3.0		35.5 ± 3.0
	RDW	%		15.0 ± 4.0		16.0 ± 4.0		15.0 ± 4.0
	PLT	10 <sup>9</sup> /l		77 ± 20		252 ± 30		495 ± 50
	MPV	µm <sup>3</sup> /fl		9.8 ± 2.0		9.6 ± 2.0		8.7 ± 2.0
	NEU	≠		1.52 ± 0.35		4.22 ± 0.90		13.4 ± 1.90
	NEU	%		58.4 ± 10.0		54.8 ± 10.0		71.4 ± 10.0
	LYM	≠		0.75 ± 0.33		2.53 ± 0.70		2.80 ± 1.50
	LYM	%		28.8 ± 12.0		32.8 ± 8.0		14.9 ± 8.0
	MON	≠		0.12 ± 0.12		0.49 ± 0.49		1.17 ± 1.15
	MON	%		4.5 ± 4.5		6.3 ± 6.3		6.2 ± 6.1
	EOS	≠		0.15 ± 0.15		0.24 ± 0.24		0.94 ± 0.94
EOS	%		5.8 ± 5.8		3.1 ± 3.1		5.0 ± 5.0	
BAS	≠		0.07 ± 0.07		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		2.6 ± 0.4		7.7 ± 1.0		18.8 ± 2.2
	RBC	10 <sup>12</sup> /l		2.36 ± 0.16		4.66 ± 0.20		5.25 ± 0.25
	HGB	g/dl		7.0 ± 0.4		13.5 ± 0.5		16.6 ± 0.6
	HCT	%		19.8 ± 1.5		38.2 ± 2.0		46.7 ± 2.5
	MCV	µm <sup>3</sup> /fl		84 ± 5		82 ± 5		89 ± 5
	MCH	pg		29.7 ± 2.0		29.0 ± 2.0		31.6 ± 2.5
	MCHC	g/dl		35.3 ± 3.0		35.3 ± 3.0		35.5 ± 3.0
	RDW	%		15.0 ± 4.0		16.0 ± 4.0		15.0 ± 4.0
	PLT	10 <sup>9</sup> /l		77 ± 20		252 ± 30		495 ± 50
	MPV	µm <sup>3</sup> /fl		9.8 ± 2.0		9.6 ± 2.0		8.7 ± 2.0
	NEU	≠		1.57 ± 0.35		4.34 ± 0.90		13.6 ± 1.90
	NEU	%		60.5 ± 10.0		56.4 ± 10.0		72.5 ± 10.0
	LYM	≠		0.68 ± 0.33		2.36 ± 0.70		2.59 ± 1.50
	LYM	%		26.2 ± 12.0		30.7 ± 8.0		13.8 ± 8.0
	MON	≠		0.12 ± 0.12		0.50 ± 0.49		1.15 ± 1.15
	MON	%		4.6 ± 4.5		6.5 ± 6.3		6.1 ± 6.1
	EOS	≠		0.16 ± 0.15		0.26 ± 0.24		0.96 ± 0.94
EOS	%		6.2 ± 5.8		3.4 ± 3.1		5.1 ± 5.0	
BAS	≠		0.07 ± 0.07		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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