

# Difftrol

## Hematology Reference Control

9755 Research Drive  
Irvine, California 92618  
Telephone: (949) 453-0500  
(888) 903-5001  
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Lot No.: **PX425**  
Exp. Date: **2020-11-05** (Y/M/D)

	PARAMETERS	UNITS	LOW		NORMAL		HIGH	
			Lot No.	PX425L	Lot No.	PX425N	Lot No.	PX425H
PENTRA 60 (OT) PENTRA 60 C+	WBC	10 <sup>9</sup> /l		2.4 ± 0.4		7.4 ± 1.0		17.9 ± 2.2
	RBC	10 <sup>12</sup> /l		2.29 ± 0.16		4.55 ± 0.20		5.07 ± 0.25
	HGB	g/dl		6.5 ± 0.4		13.9 ± 0.5		16.1 ± 0.6
	HCT	%		18.3 ± 1.5		37.8 ± 2.0		44.6 ± 2.5
	MCV	µm <sup>3</sup> /fl		80 ± 5		83 ± 5		88 ± 5
	MCH	pg		28.4 ± 2.0		30.5 ± 2.0		31.8 ± 2.5
	MCHC	g/dl		35.5 ± 3.0		36.8 ± 3.0		36.1 ± 3.0
	RDW	%		13.5 ± 4.0		12.5 ± 4.0		12.7 ± 4.0
	PLT	10 <sup>9</sup> /l		68 ± 20		257 ± 30		492 ± 50
	MPV	µm <sup>3</sup> /fl		9.2 ± 2.0		9.5 ± 2.0		9.4 ± 2.0
	LYM	%		29.5 ± 12.0		31.5 ± 8.0		16.5 ± 8.0
	MON	%		4.0 ± 4.0		5.0 ± 4.7		5.0 ± 4.4
	NEU	%		57.0 ± 10.0		56.5 ± 10.0		69.0 ± 10.0
	EOS	%		6.5 ± 6.0		3.5 ± 3.4		5.0 ± 5.0
	BAS	%		3.0 ± 3.0		3.5 ± 3.5		4.5 ± 4.2
	LYM	≠		0.71 ± 0.33		2.33 ± 0.70		2.95 ± 1.50
	MON	≠		0.10 ± 0.10		0.37 ± 0.35		0.90 ± 0.79
	NEU	≠		1.37 ± 0.35		4.18 ± 0.90		12.35 ± 1.90
EOS	≠		0.16 ± 0.14		0.26 ± 0.25		0.90 ± 0.90	
BAS	≠		0.07 ± 0.07		0.26 ± 0.26		0.81 ± 0.75	
PENTRA 80 PENTRA XL80	WBC	10 <sup>9</sup> /l		2.5 ± 0.4		7.5 ± 1.0		17.8 ± 2.2
	RBC	10 <sup>12</sup> /l		2.26 ± 0.16		4.56 ± 0.20		5.08 ± 0.25
	HGB	g/dl		6.5 ± 0.4		13.9 ± 0.5		16.2 ± 0.6
	HCT	%		18.8 ± 1.5		38.3 ± 2.0		44.7 ± 2.5
	MCV	µm <sup>3</sup> /fl		83 ± 5		84 ± 5		88 ± 5
	MCH	pg		28.8 ± 2.0		30.5 ± 2.0		31.9 ± 2.5
	MCHC	g/dl		34.7 ± 3.0		36.3 ± 3.0		36.2 ± 3.0
	RDW	%		13.8 ± 4.0		13.2 ± 4.0		13.5 ± 4.0
	PLT	10 <sup>9</sup> /l		65 ± 20		256 ± 30		490 ± 50
	MPV	µm <sup>3</sup> /fl		9.2 ± 2.0		9.6 ± 2.0		9.4 ± 2.0
	LYM	%		29.4 ± 12.0		30.4 ± 8.0		15.8 ± 8.0
	MON	%		4.9 ± 4.9		6.7 ± 6.7		6.4 ± 6.4
	NEU	%		55.3 ± 10.0		55.4 ± 10.0		68.0 ± 10.0
	EOS	%		7.1 ± 7.1		4.0 ± 4.0		5.5 ± 5.5
	BAS	%		3.3 ± 3.3		3.5 ± 3.5		4.3 ± 4.3
	LYM	≠		0.74 ± 0.33		2.28 ± 0.70		2.81 ± 1.50
	MON	≠		0.12 ± 0.12		0.50 ± 0.50		1.14 ± 1.14
	NEU	≠		1.38 ± 0.35		4.16 ± 0.90		12.10 ± 1.90
EOS	≠		0.18 ± 0.18		0.30 ± 0.30		0.98 ± 0.98	
BAS	≠		0.08 ± 0.08		0.26 ± 0.26		0.77 ± 0.77	
PENTRA XLR	WBC	10 <sup>9</sup> /l		2.5 ± 0.4		7.5 ± 1.0		17.8 ± 2.2
	RBC	10 <sup>12</sup> /l		2.26 ± 0.16		4.56 ± 0.20		5.08 ± 0.25
	HGB	g/dl		6.5 ± 0.4		13.9 ± 0.5		16.2 ± 0.6
	HCT	%		18.8 ± 1.5		38.3 ± 2.0		44.7 ± 2.5
	MCV	µm <sup>3</sup> /fl		83 ± 5		84 ± 5		88 ± 5
	MCH	pg		28.8 ± 2.0		30.5 ± 2.0		31.9 ± 2.5
	MCHC	g/dl		34.7 ± 3.0		36.3 ± 3.0		36.2 ± 3.0
	RDW	%		12.5 ± 4.0		12.0 ± 4.0		12.1 ± 4.0
	PLT	10 <sup>9</sup> /l		65 ± 20		256 ± 30		490 ± 50
	MPV	µm <sup>3</sup> /fl		9.2 ± 2.0		9.6 ± 2.0		9.4 ± 2.0
	NEU	≠		1.38 ± 0.35		4.16 ± 0.90		12.10 ± 1.90
	NEU	%		55.3 ± 10.0		55.4 ± 10.0		68.0 ± 10.0
	LYM	≠		0.74 ± 0.33		2.28 ± 0.70		2.81 ± 1.50
	LYM	%		29.4 ± 12.0		30.4 ± 8.0		15.8 ± 8.0
	MON	≠		0.12 ± 0.12		0.50 ± 0.50		1.14 ± 1.14
	MON	%		4.9 ± 4.9		6.7 ± 6.7		6.4 ± 6.4
	EOS	≠		0.18 ± 0.18		0.30 ± 0.30		0.98 ± 0.98
	EOS	%		7.1 ± 7.1		4.0 ± 4.0		5.5 ± 5.5
BAS	≠		0.08 ± 0.08		0.26 ± 0.26		0.77 ± 0.77	
BAS	%		3.3 ± 3.3		3.5 ± 3.5		4.3 ± 4.3	

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

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	PARAMETERS	UNITS	LOW		NORMAL		HIGH		++
			Lot No.	PX425L	Lot No.	PX425N	Lot No.	PX425H	
PENTRA 120	WBC	10 <sup>9</sup> /l		2.5 ± 0.4		7.9 ± 1.0		19.3 ± 2.2	
	RBC	10 <sup>12</sup> /l		2.29 ± 0.16		4.60 ± 0.20		5.17 ± 0.25	
	HGB	g/dl		6.6 ± 0.4		13.9 ± 0.5		16.1 ± 0.6	
	HCT	%		18.8 ± 1.5		38.2 ± 2.0		45.0 ± 2.5	
	MCV	µm <sup>3</sup> /fl		82 ± 5		83 ± 5		87 ± 5	
	MCH	pg		28.8 ± 2.0		30.2 ± 2.0		31.1 ± 2.5	
	MCHC	g/dl		35.1 ± 3.0		36.4 ± 3.0		35.8 ± 3.0	
	RDW	%		15.5 ± 4.0		15.0 ± 4.0		14.7 ± 4.0	
	PLT	10 <sup>9</sup> /l		70 ± 20		262 ± 30		490 ± 50	
	MPV	µm <sup>3</sup> /fl		9.2 ± 2.0		9.5 ± 2.0		9.2 ± 2.0	
	NEU	≠		1.40 ± 0.35		4.58 ± 0.90		13.5 ± 1.90	
	NEU	%		56.0 ± 10.0		58.0 ± 10.0		70.0 ± 10.0	
	LYM	≠		0.73 ± 0.33		2.35 ± 0.70		3.11 ± 1.50	
	LYM	%		29.0 ± 12.0		29.7 ± 8.0		16.1 ± 8.0	
	MON	≠		0.11 ± 0.11		0.42 ± 0.42		1.16 ± 1.16	
	MON	%		4.5 ± 4.5		5.3 ± 5.3		6.0 ± 6.0	
	EOS	≠		0.19 ± 0.19		0.30 ± 0.30		0.93 ± 0.93	
EOS	%		7.5 ± 7.5		3.8 ± 3.8		4.8 ± 4.8		
BAS	≠		0.08 ± 0.08		0.25 ± 0.25		0.60 ± 0.60		
BAS	%		3.0 ± 3.0		3.2 ± 3.2		3.1 ± 3.1		
PENTRA DX/DF 120	WBC	10 <sup>9</sup> /l		2.5 ± 0.4		7.9 ± 1.0		19.3 ± 2.2	
	RBC	10 <sup>12</sup> /l		2.29 ± 0.16		4.60 ± 0.20		5.17 ± 0.25	
	HGB	g/dl		6.6 ± 0.4		13.9 ± 0.5		16.1 ± 0.6	
	HCT	%		18.8 ± 1.5		38.2 ± 2.0		45.0 ± 2.5	
	MCV	µm <sup>3</sup> /fl		82 ± 5		83 ± 5		87 ± 5	
	MCH	pg		28.8 ± 2.0		30.2 ± 2.0		31.1 ± 2.5	
	MCHC	g/dl		35.1 ± 3.0		36.4 ± 3.0		35.8 ± 3.0	
	RDW	%		15.5 ± 4.0		15.0 ± 4.0		14.7 ± 4.0	
	PLT	10 <sup>9</sup> /l		70 ± 20		262 ± 30		490 ± 50	
	MPV	µm <sup>3</sup> /fl		9.2 ± 2.0		9.5 ± 2.0		9.2 ± 2.0	
	NEU	≠		1.43 ± 0.35		4.58 ± 0.90		13.6 ± 1.90	
	NEU	%		57.3 ± 10.0		58.0 ± 10.0		70.5 ± 10.0	
	LYM	≠		0.68 ± 0.33		2.29 ± 0.70		2.91 ± 1.50	
	LYM	%		27.3 ± 12.0		29.0 ± 8.0		15.1 ± 8.0	
	MON	≠		0.12 ± 0.11		0.47 ± 0.42		1.22 ± 1.16	
	MON	%		4.7 ± 4.5		6.0 ± 5.3		6.3 ± 6.0	
	EOS	≠		0.19 ± 0.19		0.30 ± 0.30		0.97 ± 0.93	
EOS	%		7.7 ± 7.5		3.8 ± 3.8		5.0 ± 4.8		
BAS	≠		0.08 ± 0.08		0.25 ± 0.25		0.60 ± 0.60		
BAS	%		3.0 ± 3.0		3.2 ± 3.2		3.1 ± 3.1		
PENTRA DX/DF NEXUS	WBC	10 <sup>9</sup> /l		2.5 ± 0.4		7.9 ± 1.0		19.3 ± 2.2	
	RBC	10 <sup>12</sup> /l		2.29 ± 0.16		4.60 ± 0.20		5.17 ± 0.25	
	HGB	g/dl		6.6 ± 0.4		13.9 ± 0.5		16.1 ± 0.6	
	HCT	%		18.8 ± 1.5		38.2 ± 2.0		45.0 ± 2.5	
	MCV	µm <sup>3</sup> /fl		82 ± 5		83 ± 5		87 ± 5	
	MCH	pg		28.8 ± 2.0		30.2 ± 2.0		31.1 ± 2.5	
	MCHC	g/dl		35.1 ± 3.0		36.4 ± 3.0		35.8 ± 3.0	
	RDW	%		15.5 ± 4.0		15.0 ± 4.0		14.7 ± 4.0	
	PLT	10 <sup>9</sup> /l		70 ± 20		262 ± 30		490 ± 50	
	MPV	µm <sup>3</sup> /fl		9.2 ± 2.0		9.5 ± 2.0		9.2 ± 2.0	
	NEU	≠		1.43 ± 0.35		4.58 ± 0.90		13.6 ± 1.90	
	NEU	%		57.3 ± 10.0		58.0 ± 10.0		70.5 ± 10.0	
	LYM	≠		0.68 ± 0.33		2.29 ± 0.70		2.91 ± 1.50	
	LYM	%		27.3 ± 12.0		29.0 ± 8.0		15.1 ± 8.0	
	MON	≠		0.12 ± 0.11		0.47 ± 0.42		1.22 ± 1.16	
	MON	%		4.7 ± 4.5		6.0 ± 5.3		6.3 ± 6.0	
	EOS	≠		0.19 ± 0.19		0.30 ± 0.30		0.97 ± 0.93	
EOS	%		7.7 ± 7.5		3.8 ± 3.8		5.0 ± 4.8		
BAS	≠		0.08 ± 0.08		0.25 ± 0.25		0.60 ± 0.60		
BAS	%		3.0 ± 3.0		3.2 ± 3.2		3.1 ± 3.1		

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