

# Difftrol

## Hematology Reference Control

9755 Research Drive  
Irvine, California 92618  
Telephone: (949) 453-0500  
(888) 903-5001  
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Lot No.: **PX430**  
Exp. Date: **2021-09-05** (Y/M/D)

	PARAMETERS	UNITS	LOW		NORMAL		HIGH	
			Lot No.	PX430L	Lot No.	PX430N	Lot No.	PX430H
PENTRA 60 (OT) PENTRA 60 C+	WBC	10 <sup>9</sup> /l		2.8 ± 0.4	7.6 ± 1.0		18.2 ± 2.2	
	RBC	10 <sup>12</sup> /l		2.19 ± 0.16	4.60 ± 0.20		5.18 ± 0.25	
	HGB	g/dl		5.6 ± 0.4	13.5 ± 0.5		16.6 ± 0.6	
	HCT	%		16.0 ± 1.5	36.8 ± 2.0		45.1 ± 2.5	
	MCV	µm <sup>3</sup> /fl		73 ± 5	80 ± 5		87 ± 5	
	MCH	pg		25.6 ± 2.0	29.3 ± 2.0		32.0 ± 2.5	
	MCHC	g/dl		35.0 ± 3.0	36.7 ± 3.0		36.8 ± 3.0	
	RDW	%		14.0 ± 4.0	13.0 ± 4.0		12.0 ± 4.0	
	PLT	10 <sup>9</sup> /l		69 ± 20	249 ± 30		490 ± 50	
	MPV	µm <sup>3</sup> /fl		10.3 ± 2.0	9.6 ± 2.0		9.0 ± 2.0	
	LYM	%		28.3 ± 12.0	31.1 ± 8.0		17.0 ± 8.0	
	MON	%		8.0 ± 7.5	6.8 ± 3.7		6.3 ± 4.0	
	NEU	%		53.3 ± 10.0	54.0 ± 10.0		67.6 ± 10.0	
	EOS	%		7.1 ± 6.0	4.9 ± 4.0		4.8 ± 4.5	
	BAS	%		3.3 ± 2.9	3.2 ± 3.2		4.3 ± 4.0	
	LYM	≠		0.79 ± 0.33	2.36 ± 0.70		3.09 ± 1.50	
	MON	≠		0.22 ± 0.21	0.52 ± 0.28		1.15 ± 0.71	
NEU	≠		1.49 ± 0.35	4.10 ± 0.90		12.30 ± 1.90		
EOS	≠		0.20 ± 0.17	0.37 ± 0.30		0.87 ± 0.80		
BAS	≠		0.09 ± 0.08	0.24 ± 0.24		0.78 ± 0.71		
PENTRA XL80	WBC	10 <sup>9</sup> /l		2.8 ± 0.4	7.7 ± 1.0		17.2 ± 2.2	
	RBC	10 <sup>12</sup> /l		2.12 ± 0.16	4.59 ± 0.20		5.18 ± 0.25	
	HGB	g/dl		5.5 ± 0.4	13.5 ± 0.5		16.5 ± 0.6	
	HCT	%		16.1 ± 1.5	37.2 ± 2.0		45.1 ± 2.5	
	MCV	µm <sup>3</sup> /fl		76 ± 5	81 ± 5		87 ± 5	
	MCH	pg		25.9 ± 2.0	29.4 ± 2.0		31.9 ± 2.5	
	MCHC	g/dl		34.1 ± 3.0	36.3 ± 3.0		36.6 ± 3.0	
	RDW	%		14.0 ± 5.0	13.5 ± 5.0		13.0 ± 5.0	
	PLT	10 <sup>9</sup> /l		61 ± 20	236 ± 30		475 ± 50	
	MPV	µm <sup>3</sup> /fl		10.6 ± 2.0	10.5 ± 2.0		9.8 ± 2.0	
	LYM	%		29.2 ± 12.0	30.9 ± 8.0		15.9 ± 8.0	
	MON	%		6.8 ± 6.8	6.6 ± 6.6		6.6 ± 6.6	
	NEU	%		52.8 ± 10.0	53.7 ± 10.0		68.3 ± 10.0	
	EOS	%		7.9 ± 7.9	5.5 ± 5.5		4.8 ± 4.8	
	BAS	%		3.3 ± 3.3	3.3 ± 3.3		4.4 ± 4.4	
	LYM	≠		0.82 ± 0.33	2.38 ± 0.70		2.73 ± 1.50	
	MON	≠		0.19 ± 0.19	0.51 ± 0.51		1.14 ± 1.14	
NEU	≠		1.48 ± 0.35	4.13 ± 0.90		11.75 ± 1.90		
EOS	≠		0.22 ± 0.22	0.42 ± 0.42		0.83 ± 0.83		
BAS	≠		0.09 ± 0.09	0.25 ± 0.25		0.76 ± 0.76		
PENTRA XLR	WBC	10 <sup>9</sup> /l		2.8 ± 0.4	7.7 ± 1.0		17.2 ± 2.2	
	RBC	10 <sup>12</sup> /l		2.12 ± 0.16	4.59 ± 0.20		5.18 ± 0.25	
	HGB	g/dl		5.5 ± 0.4	13.5 ± 0.5		16.5 ± 0.6	
	HCT	%		16.1 ± 1.5	37.2 ± 2.0		45.1 ± 2.5	
	MCV	µm <sup>3</sup> /fl		76 ± 5	81 ± 5		87 ± 5	
	MCH	pg		25.9 ± 2.0	29.4 ± 2.0		31.9 ± 2.5	
	MCHC	g/dl		34.1 ± 3.0	36.3 ± 3.0		36.6 ± 3.0	
	RDW	%		14.0 ± 5.0	13.5 ± 5.0		13.0 ± 5.0	
	PLT	10 <sup>9</sup> /l		61 ± 20	236 ± 30		475 ± 50	
	MPV	µm <sup>3</sup> /fl		10.6 ± 2.0	10.5 ± 2.0		9.8 ± 2.0	
	NEU	≠		1.48 ± 0.35	4.13 ± 0.90		11.75 ± 1.90	
	NEU	%		52.8 ± 10.0	53.7 ± 10.0		68.3 ± 10.0	
	LYM	≠		0.82 ± 0.33	2.38 ± 0.70		2.73 ± 1.50	
	LYM	%		29.2 ± 12.0	30.9 ± 8.0		15.9 ± 8.0	
	MON	≠		0.19 ± 0.19	0.51 ± 0.51		1.14 ± 1.14	
	MON	%		6.8 ± 6.8	6.6 ± 6.6		6.6 ± 6.6	
	EOS	≠		0.22 ± 0.22	0.42 ± 0.42		0.83 ± 0.83	
EOS	%		7.9 ± 7.9	5.5 ± 5.5		4.8 ± 4.8		
BAS	≠		0.09 ± 0.09	0.25 ± 0.25		0.76 ± 0.76		
BAS	%		3.3 ± 3.3	3.3 ± 3.3		4.4 ± 4.4		

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

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	PARAMETERS	UNITS	LOW		NORMAL		HIGH		++
			Lot No.	PX430L	Lot No.	PX430N	Lot No.	PX430H	
PENTRA DX/DF 120	WBC	10 <sup>9</sup> /l	2.9	± 0.4	8.0	± 1.0	18.7	± 2.2	
	RBC	10 <sup>12</sup> /l	2.17	± 0.16	4.62	± 0.20	5.26	± 0.25	
	HGB	g/dl	5.7	± 0.4	13.5	± 0.5	16.4	± 0.6	
	HCT	%	16.3	± 1.5	37.0	± 2.0	45.8	± 2.5	
	MCV	µm <sup>3</sup> /fl	75	± 5	80	± 5	87	± 5	
	MCH	pg	26.3	± 2.0	29.2	± 2.0	31.2	± 2.5	
	MCHC	g/dl	35.0	± 3.0	36.5	± 3.0	35.8	± 3.0	
	RDW	%	18.0	± 4.0	17.0	± 4.0	14.5	± 4.0	
	PLT	10 <sup>9</sup> /l	67	± 20	248	± 30	483	± 50	
	MPV	µm <sup>3</sup> /fl	10.2	± 2.0	9.9	± 2.0	9.0	± 2.0	
	NEU	≠	1.50	± 0.35	4.39	± 0.90	12.9	± 1.90	
	NEU	%	51.6	± 10.0	54.9	± 10.0	69.2	± 10.0	
	LYM	≠	0.77	± 0.33	2.35	± 0.70	2.84	± 1.50	
	LYM	%	26.4	± 12.0	29.4	± 8.0	15.2	± 8.0	
	MON	≠	0.26	± 0.26	0.51	± 0.51	1.16	± 1.16	
	MON	%	9.0	± 9.0	6.4	± 6.4	6.2	± 6.2	
	EOS	≠	0.23	± 0.23	0.46	± 0.46	0.92	± 0.92	
EOS	%	8.0	± 8.0	5.7	± 5.7	4.9	± 4.9		
BAS	≠	0.15	± 0.15	0.29	± 0.29	0.84	± 0.84		
BAS	%	5.0	± 5.0	3.6	± 3.6	4.5	± 4.5		
PENTRA DX/DF NEXUS	WBC	10 <sup>9</sup> /l	2.9	± 0.4	8.0	± 1.0	18.7	± 2.2	
	RBC	10 <sup>12</sup> /l	2.17	± 0.16	4.62	± 0.20	5.26	± 0.25	
	HGB	g/dl	5.7	± 0.4	13.5	± 0.5	16.4	± 0.6	
	HCT	%	16.3	± 1.5	37.0	± 2.0	45.8	± 2.5	
	MCV	µm <sup>3</sup> /fl	75	± 5	80	± 5	87	± 5	
	MCH	pg	26.3	± 2.0	29.2	± 2.0	31.2	± 2.5	
	MCHC	g/dl	35.0	± 3.0	36.5	± 3.0	35.8	± 3.0	
	RDW	%	18.0	± 4.0	17.0	± 4.0	14.5	± 4.0	
	PLT	10 <sup>9</sup> /l	67	± 20	248	± 30	483	± 50	
	MPV	µm <sup>3</sup> /fl	10.2	± 2.0	9.9	± 2.0	9.0	± 2.0	
	NEU	≠	1.50	± 0.35	4.39	± 0.90	12.9	± 1.90	
	NEU	%	51.6	± 10.0	54.9	± 10.0	69.2	± 10.0	
	LYM	≠	0.77	± 0.33	2.35	± 0.70	2.84	± 1.50	
	LYM	%	26.4	± 12.0	29.4	± 8.0	15.2	± 8.0	
	MON	≠	0.26	± 0.26	0.51	± 0.51	1.16	± 1.16	
	MON	%	9.0	± 9.0	6.4	± 6.4	6.2	± 6.2	
	EOS	≠	0.23	± 0.23	0.46	± 0.46	0.92	± 0.92	
EOS	%	8.0	± 8.0	5.7	± 5.7	4.9	± 4.9		
BAS	≠	0.15	± 0.15	0.29	± 0.29	0.84	± 0.84		
BAS	%	5.0	± 5.0	3.6	± 3.6	4.5	± 4.5		

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