

# Difftrol

## Hematology Reference Control

9755 Research Drive  
Irvine, California 92618  
Telephone: (949) 453-0500  
(888) 903-5001  
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Lot No.: **PX421**  
Exp. Date: **2020-03-05** (Y/M/D)

	PARAMETERS	UNITS	LOW	NORMAL	HIGH
			Lot No. <b>PX421L</b>	Lot No. <b>PX421N</b>	Lot No. <b>PX421H</b>
PENTRA 60 (OT) PENTRA 60 C+	WBC	10 <sup>9</sup> /l	2.6 ± 0.4	7.8 ± 1.0	18.3 ± 2.2
	RBC	10 <sup>12</sup> /l	2.43 ± 0.16	4.48 ± 0.20	5.12 ± 0.25
	HGB	g/dl	6.9 ± 0.4	13.2 ± 0.5	16.5 ± 0.6
	HCT	%	19.4 ± 1.5	35.8 ± 2.0	44.5 ± 2.5
	MCV	µm <sup>3</sup> /fl	80 ± 5	80 ± 5	87 ± 5
	MCH	pg	28.4 ± 2.0	29.5 ± 2.0	32.2 ± 2.5
	MCHC	g/dl	35.5 ± 3.0	36.8 ± 3.0	37.0 ± 3.0
	RDW	%	13.0 ± 4.0	12.5 ± 4.0	12.0 ± 4.0
	PLT	10 <sup>9</sup> /l	72 ± 20	240 ± 30	495 ± 50
	MPV	µm <sup>3</sup> /fl	9.8 ± 2.0	9.7 ± 2.0	8.9 ± 2.0
	LYM	%	30.3 ± 12.0	29.7 ± 8.0	15.9 ± 8.0
	MON	%	4.4 ± 3.5	3.6 ± 3.0	4.1 ± 3.5
	NEU	%	54.6 ± 10.0	59.3 ± 10.0	70.1 ± 10.0
	EOS	%	7.4 ± 7.0	3.9 ± 3.9	5.5 ± 5.5
	BAS	%	3.3 ± 3.2	3.5 ± 3.4	4.4 ± 4.0
	LYM	≠	0.79 ± 0.33	2.32 ± 0.70	2.91 ± 1.50
	MON	≠	0.11 ± 0.09	0.28 ± 0.23	0.75 ± 0.63
	NEU	≠	1.42 ± 0.35	4.63 ± 0.90	12.83 ± 1.90
	EOS	≠	0.19 ± 0.18	0.30 ± 0.30	1.01 ± 0.99
	BAS	≠	0.09 ± 0.08	0.27 ± 0.26	0.81 ± 0.72
PENTRA 80 PENTRA XL80	WBC	10 <sup>9</sup> /l	2.6 ± 0.4	7.8 ± 1.0	18.3 ± 2.2
	RBC	10 <sup>12</sup> /l	2.37 ± 0.16	4.48 ± 0.20	5.14 ± 0.25
	HGB	g/dl	7.0 ± 0.4	13.2 ± 0.5	16.5 ± 0.6
	HCT	%	19.7 ± 1.5	36.3 ± 2.0	44.7 ± 2.5
	MCV	µm <sup>3</sup> /fl	83 ± 5	81 ± 5	87 ± 5
	MCH	pg	29.5 ± 2.0	29.5 ± 2.0	32.1 ± 2.5
	MCHC	g/dl	35.6 ± 3.0	36.4 ± 3.0	36.9 ± 3.0
	RDW	%	13.0 ± 4.0	13.2 ± 4.0	13.0 ± 4.0
	PLT	10 <sup>9</sup> /l	65 ± 20	236 ± 30	496 ± 50
	MPV	µm <sup>3</sup> /fl	10.4 ± 2.0	10.0 ± 2.0	9.5 ± 2.0
	LYM	%	29.2 ± 12.0	29.5 ± 8.0	15.5 ± 8.0
	MON	%	4.6 ± 4.6	4.0 ± 4.0	4.5 ± 4.5
	NEU	%	54.9 ± 10.0	59.0 ± 10.0	70.0 ± 10.0
	EOS	%	8.0 ± 8.0	4.1 ± 4.1	5.7 ± 5.7
	BAS	%	3.3 ± 3.3	3.4 ± 3.4	4.3 ± 4.3
	LYM	≠	0.76 ± 0.33	2.30 ± 0.70	2.84 ± 1.50
	MON	≠	0.12 ± 0.12	0.31 ± 0.31	0.82 ± 0.82
	NEU	≠	1.43 ± 0.35	4.60 ± 0.90	12.81 ± 1.90
	EOS	≠	0.21 ± 0.21	0.32 ± 0.32	1.04 ± 1.04
	BAS	≠	0.09 ± 0.09	0.27 ± 0.27	0.79 ± 0.79
PENTRA XLR	WBC	10 <sup>9</sup> /l	2.6 ± 0.4	7.8 ± 1.0	18.3 ± 2.2
	RBC	10 <sup>12</sup> /l	2.37 ± 0.16	4.48 ± 0.20	5.14 ± 0.25
	HGB	g/dl	7.0 ± 0.4	13.2 ± 0.5	16.5 ± 0.6
	HCT	%	19.7 ± 1.5	36.3 ± 2.0	44.7 ± 2.5
	MCV	µm <sup>3</sup> /fl	83 ± 5	81 ± 5	87 ± 5
	MCH	pg	29.5 ± 2.0	29.5 ± 2.0	32.1 ± 2.5
	MCHC	g/dl	35.6 ± 3.0	36.4 ± 3.0	36.9 ± 3.0
	RDW	%	12.0 ± 4.0	12.3 ± 4.0	11.5 ± 4.0
	PLT	10 <sup>9</sup> /l	65 ± 20	236 ± 30	496 ± 50
	MPV	µm <sup>3</sup> /fl	10.4 ± 2.0	10.0 ± 2.0	9.5 ± 2.0
	NEU	≠	1.43 ± 0.35	4.60 ± 0.90	12.81 ± 1.90
	NEU	%	54.9 ± 10.0	59.0 ± 10.0	70.0 ± 10.0
	LYM	≠	0.76 ± 0.33	2.30 ± 0.70	2.84 ± 1.50
	LYM	%	29.2 ± 12.0	29.5 ± 8.0	15.5 ± 8.0
	MON	≠	0.12 ± 0.12	0.31 ± 0.31	0.82 ± 0.82
	MON	%	4.6 ± 4.6	4.0 ± 4.0	4.5 ± 4.5
	EOS	≠	0.21 ± 0.21	0.32 ± 0.32	1.04 ± 1.04
	EOS	%	8.0 ± 8.0	4.1 ± 4.1	5.7 ± 5.7
	BAS	≠	0.09 ± 0.09	0.27 ± 0.27	0.79 ± 0.79
	BAS	%	3.3 ± 3.3	3.4 ± 3.4	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.	PX421L	Lot No.	PX421N	Lot No.	PX421H	
PENTRA 120	WBC	10 <sup>9</sup> /l	2.7	± 0.4	8.0	± 1.0	19.2	± 2.2	
	RBC	10 <sup>12</sup> /l	2.41	± 0.16	4.48	± 0.20	5.19	± 0.25	
	HGB	g/dl	7.0	± 0.4	13.2	± 0.5	16.4	± 0.6	
	HCT	%	20.0	± 1.5	36.3	± 2.0	45.2	± 2.5	
	MCV	µm <sup>3</sup> /fl	83	± 5	81	± 5	87	± 5	
	MCH	pg	29.0	± 2.0	29.5	± 2.0	31.6	± 2.5	
	MCHC	g/dl	35.0	± 3.0	36.4	± 3.0	36.3	± 3.0	
	RDW	%	14.5	± 4.0	15.5	± 4.0	14.5	± 4.0	
	PLT	10 <sup>9</sup> /l	73	± 20	245	± 30	500	± 50	
	MPV	µm <sup>3</sup> /fl	10.1	± 2.0	9.8	± 2.0	9.2	± 2.0	
	NEU	≠	1.47	± 0.35	4.78	± 0.90	13.5	± 1.90	
	NEU	%	54.6	± 10.0	59.8	± 10.0	70.1	± 10.0	
	LYM	≠	0.81	± 0.33	2.35	± 0.70	3.00	± 1.50	
	LYM	%	30.0	± 12.0	29.4	± 8.0	15.6	± 8.0	
	MON	≠	0.14	± 0.14	0.33	± 0.33	0.96	± 0.94	
	MON	%	5.2	± 5.2	4.1	± 4.1	5.0	± 4.9	
	EOS	≠	0.21	± 0.21	0.30	± 0.30	1.13	± 1.13	
EOS	%	7.7	± 7.7	3.8	± 3.8	5.9	± 5.9		
BAS	≠	0.07	± 0.07	0.23	± 0.23	0.65	± 0.65		
BAS	%	2.5	± 2.5	2.9	± 2.9	3.4	± 3.4		
PENTRA DX/DF 120	WBC	10 <sup>9</sup> /l	2.7	± 0.4	8.0	± 1.0	19.2	± 2.2	
	RBC	10 <sup>12</sup> /l	2.41	± 0.16	4.48	± 0.20	5.19	± 0.25	
	HGB	g/dl	7.0	± 0.4	13.2	± 0.5	16.4	± 0.6	
	HCT	%	20.0	± 1.5	36.3	± 2.0	45.2	± 2.5	
	MCV	µm <sup>3</sup> /fl	83	± 5	81	± 5	87	± 5	
	MCH	pg	29.0	± 2.0	29.5	± 2.0	31.6	± 2.5	
	MCHC	g/dl	35.0	± 3.0	36.4	± 3.0	36.3	± 3.0	
	RDW	%	14.5	± 4.0	15.5	± 4.0	14.5	± 4.0	
	PLT	10 <sup>9</sup> /l	73	± 20	245	± 30	500	± 50	
	MPV	µm <sup>3</sup> /fl	10.1	± 2.0	9.8	± 2.0	9.2	± 2.0	
	NEU	≠	1.53	± 0.35	4.90	± 0.90	13.7	± 1.90	
	NEU	%	56.7	± 10.0	61.2	± 10.0	71.4	± 10.0	
	LYM	≠	0.74	± 0.33	2.20	± 0.70	2.76	± 1.50	
	LYM	%	27.3	± 12.0	27.5	± 8.0	14.4	± 8.0	
	MON	≠	0.14	± 0.14	0.34	± 0.33	0.94	± 0.94	
	MON	%	5.3	± 5.2	4.3	± 4.1	4.9	± 4.9	
	EOS	≠	0.22	± 0.21	0.33	± 0.30	1.13	± 1.13	
EOS	%	8.2	± 7.7	4.1	± 3.8	5.9	± 5.9		
BAS	≠	0.07	± 0.07	0.23	± 0.23	0.65	± 0.65		
BAS	%	2.5	± 2.5	2.9	± 2.9	3.4	± 3.4		
PENTRA DX/DF NEXUS	WBC	10 <sup>9</sup> /l	2.7	± 0.4	8.0	± 1.0	19.2	± 2.2	
	RBC	10 <sup>12</sup> /l	2.41	± 0.16	4.48	± 0.20	5.19	± 0.25	
	HGB	g/dl	7.0	± 0.4	13.2	± 0.5	16.4	± 0.6	
	HCT	%	20.0	± 1.5	36.3	± 2.0	45.2	± 2.5	
	MCV	µm <sup>3</sup> /fl	83	± 5	81	± 5	87	± 5	
	MCH	pg	29.0	± 2.0	29.5	± 2.0	31.6	± 2.5	
	MCHC	g/dl	35.0	± 3.0	36.4	± 3.0	36.3	± 3.0	
	RDW	%	14.5	± 4.0	15.5	± 4.0	14.5	± 4.0	
	PLT	10 <sup>9</sup> /l	73	± 20	245	± 30	500	± 50	
	MPV	µm <sup>3</sup> /fl	10.1	± 2.0	9.8	± 2.0	9.2	± 2.0	
	NEU	≠	1.53	± 0.35	4.90	± 0.90	13.7	± 1.90	
	NEU	%	56.7	± 10.0	61.2	± 10.0	71.4	± 10.0	
	LYM	≠	0.74	± 0.33	2.20	± 0.70	2.76	± 1.50	
	LYM	%	27.3	± 12.0	27.5	± 8.0	14.4	± 8.0	
	MON	≠	0.14	± 0.14	0.34	± 0.33	0.94	± 0.94	
	MON	%	5.3	± 5.2	4.3	± 4.1	4.9	± 4.9	
	EOS	≠	0.22	± 0.21	0.33	± 0.30	1.13	± 1.13	
EOS	%	8.2	± 7.7	4.1	± 3.8	5.9	± 5.9		
BAS	≠	0.07	± 0.07	0.23	± 0.23	0.65	± 0.65		
BAS	%	2.5	± 2.5	2.9	± 2.9	3.4	± 3.4		

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