

# CBC-PIX

## HEMATOLOGY CONTROLS

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Reference IS182 for Instructions for Use

ASSAY VALUES AND EXPECTED RANGES

LOT **PIX250405**

QCP DATA MONTHS: **FEBRUARY, MARCH**



**2025-04-05**

Instrument	Parameter	PIX250405L			PIX250405N			PIX250405H		
		Mean	Limit	Range	Mean	Limit	Range	Mean	Limit	Range
PixCell HemoScreen™	WBC × 10 <sup>3</sup> /μL	<b>3.3 ± 1.5</b>		(1.8 - 4.8)	<b>7.4 ± 2.1</b>		(5.3 - 9.5)	<b>20.6 ± 3.6</b>		(17.0 - 24.2)
	RBC × 10 <sup>6</sup> /μL	<b>3.05 ± 0.30</b>		(2.75 - 3.35)	<b>4.58 ± 0.60</b>		(3.98 - 5.18)	<b>5.50 ± 0.60</b>		(4.90 - 6.10)
	HGB g/dL	<b>9.2 ± 0.9</b>		(8.3 - 10.1)	<b>15.7 ± 1.8</b>		(13.9 - 17.5)	<b>21.1 ± 2.7</b>		(18.4 - 23.8)
	HCT %	<b>22.9 ± 3.0</b>		(19.9 - 25.9)	<b>38.6 ± 4.5</b>		(34.1 - 43.1)	<b>51.5 ± 6.6</b>		(44.9 - 58.1)
	MCV fL	<b>75.1 ± 6.0</b>		(69.1 - 81.1)	<b>84.2 ± 6.0</b>		(78.2 - 90.2)	<b>93.6 ± 6.0</b>		(87.6 - 99.6)
	MCH pg	<b>30.2 ± 4.5</b>		(25.7 - 34.7)	<b>34.3 ± 4.5</b>		(29.8 - 38.8)	<b>38.4 ± 4.5</b>		(33.9 - 42.9)
	MCHC g/dL	<b>40.2 ± 5.4</b>		(34.8 - 45.6)	<b>40.7 ± 4.8</b>		(35.9 - 45.5)	<b>41.0 ± 4.8</b>		(36.2 - 45.8)
	RDW	<b>17.2 ± 2.1</b>		(15.1 - 19.3)	<b>14.7 ± 2.1</b>		(12.6 - 16.8)	<b>13.8 ± 2.1</b>		(11.7 - 15.9)
	PLT × 10 <sup>3</sup> /μL	<b>75 ± 21</b>		(54 - 96)	<b>251 ± 45</b>		(206 - 296)	<b>548 ± 81</b>		(467 - 629)
	MPV fL	<b>10.6 ± 2.4</b>		(8.2 - 13.0)	<b>10.6 ± 2.4</b>		(8.2 - 13.0)	<b>10.7 ± 2.4</b>		(8.3 - 13.1)
	NEU × 10 <sup>3</sup> /μL	<b>1.8 ± 1.3</b>		(0.5 - 3.1)	<b>4.1 ± 2.0</b>		(2.1 - 6.1)	<b>11.5 ± 4.2</b>		(7.3 - 15.7)
	LYM × 10 <sup>3</sup> /μL	<b>1.0 ± 0.9</b>		(0.1 - 1.9)	<b>2.3 ± 1.5</b>		(0.8 - 3.8)	<b>6.3 ± 3.3</b>		(3.0 - 9.6)
	MON × 10 <sup>3</sup> /μL	<b>0.2 ± 0.2</b>		(0.0 - 0.4)	<b>0.5 ± 0.5</b>		(0.0 - 1.0)	<b>1.3 ± 1.1</b>		(0.2 - 2.4)
	EOS × 10 <sup>3</sup> /μL	<b>0.3 ± 0.3</b>		(0.0 - 0.6)	<b>0.4 ± 0.4</b>		(0.0 - 0.8)	<b>1.3 ± 1.3</b>		(0.0 - 2.6)
	BAS × 10 <sup>3</sup> /μL	<b>0.1 ± 0.1</b>		(0.0 - 0.2)	<b>0.1 ± 0.1</b>		(0.0 - 0.2)	<b>0.2 ± 0.2</b>		(0.0 - 0.4)
	NEU%	<b>55.2 ± 9.0</b>		(46.2 - 64.2)	<b>55.1 ± 9.0</b>		(46.1 - 64.1)	<b>55.8 ± 9.0</b>		(46.8 - 64.8)
	LYM%	<b>29.7 ± 9.0</b>		(20.7 - 38.7)	<b>31.0 ± 9.0</b>		(22.0 - 40.0)	<b>30.7 ± 9.0</b>		(21.7 - 39.7)
	MON%	<b>6.3 ± 6.3</b>		(0.0 - 12.6)	<b>7.3 ± 3.6</b>		(3.7 - 10.9)	<b>6.2 ± 3.6</b>		(2.6 - 9.8)
	EOS%	<b>7.8 ± 7.8</b>		(0.0 - 15.6)	<b>5.6 ± 5.6</b>		(0.0 - 11.2)	<b>6.3 ± 6.3</b>		(0.0 - 12.6)
BAS%	<b>1.0 ± 1.0</b>		(0.0 - 2.0)	<b>1.0 ± 1.0</b>		(0.0 - 2.0)	<b>1.0 ± 1.0</b>		(0.0 - 2.0)	

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55413



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