



Reference IS182 for Instructions for Use

ASSAY VALUES AND EXPECTED RANGES

LOT **PIX251005**

QCP DATA MONTHS: **AUGUST, SEPTEMBER**



**2025-10-05**

| Instrument                     | Parameter                 | PIX251005L  |               |               | PIX251005N  |               |               | PIX251005H  |               |               |
|--------------------------------|---------------------------|-------------|---------------|---------------|-------------|---------------|---------------|-------------|---------------|---------------|
|                                |                           | Mean        | Limit         | Range         | Mean        | Limit         | Range         | Mean        | Limit         | Range         |
| <b>PixCell<br/>HemoScreen™</b> | WBC × 10 <sup>3</sup> /μL | <b>2.8</b>  | ± <b>1.5</b>  | (1.3 - 4.3)   | <b>8.1</b>  | ± <b>2.1</b>  | (6.0 - 10.2)  | <b>19.4</b> | ± <b>3.6</b>  | (15.8 - 23.0) |
|                                | RBC × 10 <sup>6</sup> /μL | <b>2.80</b> | ± <b>0.30</b> | (2.50 - 3.10) | <b>4.92</b> | ± <b>0.60</b> | (4.32 - 5.52) | <b>5.55</b> | ± <b>0.60</b> | (4.95 - 6.15) |
|                                | HGB g/dL                  | <b>8.3</b>  | ± <b>0.9</b>  | (7.4 - 9.2)   | <b>17.5</b> | ± <b>1.8</b>  | (15.7 - 19.3) | <b>21.2</b> | ± <b>2.7</b>  | (18.5 - 23.9) |
|                                | HCT %                     | <b>20.8</b> | ± <b>3.0</b>  | (17.8 - 23.8) | <b>42.4</b> | ± <b>4.5</b>  | (37.9 - 46.9) | <b>51.5</b> | ± <b>6.6</b>  | (44.9 - 58.1) |
|                                | MCV fL                    | <b>74.3</b> | ± <b>6.0</b>  | (68.3 - 80.3) | <b>86.2</b> | ± <b>6.0</b>  | (80.2 - 92.2) | <b>92.8</b> | ± <b>6.0</b>  | (86.8 - 98.8) |
|                                | MCH pg                    | <b>29.6</b> | ± <b>4.5</b>  | (25.1 - 34.1) | <b>35.6</b> | ± <b>4.5</b>  | (31.1 - 40.1) | <b>38.2</b> | ± <b>4.5</b>  | (33.7 - 42.7) |
|                                | MCHC g/dL                 | <b>39.9</b> | ± <b>5.4</b>  | (34.5 - 45.3) | <b>41.3</b> | ± <b>4.8</b>  | (36.5 - 46.1) | <b>41.2</b> | ± <b>4.8</b>  | (36.4 - 46.0) |
|                                | RDW                       | <b>17.0</b> | ± <b>2.1</b>  | (14.9 - 19.1) | <b>12.7</b> | ± <b>2.1</b>  | (10.6 - 14.8) | <b>13.6</b> | ± <b>2.1</b>  | (11.5 - 15.7) |
|                                | PLT × 10 <sup>3</sup> /μL | <b>66</b>   | ± <b>21</b>   | (45 - 87)     | <b>235</b>  | ± <b>45</b>   | (190 - 280)   | <b>537</b>  | ± <b>81</b>   | (456 - 618)   |
|                                | MPV fL                    | <b>11.5</b> | ± <b>2.4</b>  | (9.1 - 13.9)  | <b>11.1</b> | ± <b>2.4</b>  | (8.7 - 13.5)  | <b>11.2</b> | ± <b>2.4</b>  | (8.8 - 13.6)  |
|                                | NEU x 10 <sup>3</sup> /μL | <b>1.6</b>  | ± <b>1.3</b>  | (0.3 - 2.9)   | <b>4.9</b>  | ± <b>2.1</b>  | (2.8 - 7.0)   | <b>11.8</b> | ± <b>4.3</b>  | (7.5 - 16.1)  |
|                                | LYM x 10 <sup>3</sup> /μL | <b>0.9</b>  | ± <b>0.8</b>  | (0.1 - 1.7)   | <b>2.4</b>  | ± <b>1.6</b>  | (0.8 - 4.0)   | <b>5.8</b>  | ± <b>3.2</b>  | (2.6 - 9.0)   |
|                                | MON x 10 <sup>3</sup> /μL | <b>0.2</b>  | ± <b>0.2</b>  | (0.0 - 0.4)   | <b>0.5</b>  | ± <b>0.5</b>  | (0.0 - 1.0)   | <b>1.0</b>  | ± <b>1.0</b>  | (0.0 - 2.0)   |
|                                | EOS x 10 <sup>3</sup> /μL | <b>0.1</b>  | ± <b>0.1</b>  | (0.0 - 0.2)   | <b>0.2</b>  | ± <b>0.2</b>  | (0.0 - 0.4)   | <b>0.6</b>  | ± <b>0.6</b>  | (0.0 - 1.2)   |
|                                | BAS x 10 <sup>3</sup> /μL | <b>0.1</b>  | ± <b>0.1</b>  | (0.0 - 0.2)   | <b>0.1</b>  | ± <b>0.1</b>  | (0.0 - 0.2)   | <b>0.2</b>  | ± <b>0.2</b>  | (0.0 - 0.4)   |
|                                | NEU%                      | <b>59.0</b> | ± <b>9.0</b>  | (50.0 - 68.0) | <b>60.0</b> | ± <b>9.0</b>  | (51.0 - 69.0) | <b>61.0</b> | ± <b>9.0</b>  | (52.0 - 70.0) |
|                                | LYM%                      | <b>31.0</b> | ± <b>9.0</b>  | (22.0 - 40.0) | <b>30.0</b> | ± <b>9.0</b>  | (21.0 - 39.0) | <b>30.0</b> | ± <b>9.0</b>  | (21.0 - 39.0) |
|                                | MON%                      | <b>5.5</b>  | ± <b>5.5</b>  | (0.0 - 11.0)  | <b>6.0</b>  | ± <b>3.6</b>  | (2.4 - 9.6)   | <b>5.0</b>  | ± <b>3.6</b>  | (1.4 - 8.6)   |
|                                | EOS%                      | <b>3.5</b>  | ± <b>3.5</b>  | (0.0 - 7.0)   | <b>3.0</b>  | ± <b>3.0</b>  | (0.0 - 6.0)   | <b>3.0</b>  | ± <b>3.0</b>  | (0.0 - 6.0)   |
|                                | BAS%                      | <b>1.0</b>  | ± <b>1.0</b>  | (0.0 - 2.0)   | <b>1.0</b>  | ± <b>1.0</b>  | (0.0 - 2.0)   | <b>1.0</b>  | ± <b>1.0</b>  | (0.0 - 2.0)   |

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