

## ASSAY VALUES AND EXPECTED RANGES

LOT PLUS0123

2023-02-05

| Instrument                                    | Parameter                     | Reference Value | Deviation  |
|---|-------------------------------|-----------------|------------|
| H50<br>H51                                    | <b>WBC</b> $\times 10^9/L$    | 9.7             | $\pm 0.3$  |
|   | <b>RBC</b> $\times 10^{12}/L$ | 4.64            | $\pm 0.06$ |
|   | <b>HGB</b> g/L                | 125             | $\pm 2$    |
|   | <b>MCV</b> fL                 | 75.2            | $\pm 0.4$  |
|   | <b>PLT</b> $\times 10^9/L$    | 276             | $\pm 10$   |
|   | <b>MPV</b> fL                 | 11.8            | $\pm 0.2$  |
| H30<br>H31<br>iH30                            | <b>WBC</b> $\times 10^9/L$    | 9.7             | $\pm 0.3$  |
|   | <b>RBC</b> $\times 10^{12}/L$ | 4.62            | $\pm 0.06$ |
|   | <b>HGB</b> g/L                | 135             | $\pm 2$    |
|   | <b>MCV</b> fL                 | 81.8            | $\pm 0.4$  |
|   | <b>PLT</b> $\times 10^9/L$    | 264             | $\pm 10$   |
|   | <b>MPV</b> fL                 | 10.6            | $\pm 0.2$  |
| H30 Pro<br>iH30 Pro                           | <b>WBC</b> $\times 10^9/L$    | 9.64            | $\pm 0.30$ |
|   | <b>RBC</b> $\times 10^{12}/L$ | 4.60            | $\pm 0.06$ |
|   | <b>HGB</b> g/L                | 137             | $\pm 2$    |
|   | <b>MCV</b> fL                 | 88.4            | $\pm 0.4$  |
|   | <b>PLT</b> $\times 10^9/L$    | 272             | $\pm 10$   |
| H60、H66、H68、H69<br>H60S、H66S、H68S、H69S        | <b>WBC</b> $\times 10^9/L$    | 9.58            | $\pm 0.30$ |
|   | <b>RBC</b> $\times 10^{12}/L$ | 4.50            | $\pm 0.06$ |
|   | <b>HGB</b> g/L                | 135             | $\pm 2$    |
|   | <b>MCV</b> fL                 | 90.3            | $\pm 0.4$  |
|   | <b>PLT</b> $\times 10^9/L$    | 266             | $\pm 10$   |
| DS-500、DS-500i、<br>DS-580、DS-580i、<br>DS-500C | <b>WBC</b> $\times 10^9/L$    | 9.69            | $\pm 0.30$ |
|   | <b>RBC</b> $\times 10^{12}/L$ | 4.50            | $\pm 0.06$ |
|   | <b>HGB</b> g/L                | 132             | $\pm 2$    |
|   | <b>MCV</b> fL                 | 88.7            | $\pm 0.4$  |
|   | <b>PLT</b> $\times 10^9/L$    | 266             | $\pm 10$   |

## 【NOTE】

- 1) The calibrator should be stored in the refrigerator (2~8°C). After opening, it will keep stable for 7 days when it is stored airtight at 2~8°C.
- 2) Please equilibrate the calibrator to room temperature (15~30°C) before using it.
- 3) The calibrator must be well mixed before use. Please mix gently to avoid cells rupturing or generating bubbles.
- 4) After using, put the calibrator back into the refrigerator (2~8°C) to prevent contamination and evaporation.

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|--|--------------------------------------|-----------------|------------|
| H30 Vet<br>iH30 Vet<br>H31 Vet           | <b>WBC</b> $\times 10^9/\text{L}$    | 9.52            | $\pm 0.30$ |
|  | <b>RBC</b> $\times 10^{12}/\text{L}$ | 4.38            | $\pm 0.06$ |
|  | <b>HGB</b> g/L                       | 135             | $\pm 2$    |
|  | <b>MCV</b> fL                        | 80.4            | $\pm 0.4$  |
|  | <b>PLT</b> $\times 10^9/\text{L}$    | 262             | $\pm 10$   |
| H60 Vet<br>H66 Vet<br>H68 Vet<br>H69 Vet | <b>WBC</b> $\times 10^9/\text{L}$    | 9.63            | $\pm 0.30$ |
|  | <b>RBC</b> $\times 10^{12}/\text{L}$ | 4.28            | $\pm 0.06$ |
|  | <b>HGB</b> g/L                       | 130             | $\pm 2$    |
|  | <b>MCV</b> fL                        | 81.8            | $\pm 0.4$  |
|  | <b>PLT</b> $\times 10^9/\text{L}$    | 263             | $\pm 10$   |

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