|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **LOW CONTROL**  | **Sysmex** **K1000** **K-4500**  | **Sysmex** **KX21N,** **XP300**  | **Abbott CELL-DYN**  | **Mindray** **BC-2800** **BC-3000**  | **ABX Micros45/60**  | **Nihon Kohden** **MEK SERIES** **CELTAC ALPHA**  | **MEDONIC** **CA series Swelab**  | **ORPHEE** **MYTHIC 18**  |   |
| **LOT 02-2405 EXP: 2024-08-28**  |
| Parameters  | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  |  mean  | + Range  |
| WBC  | x109/L  | 2.7  | 2.7  | 2.77  | 2.98  | 3.0  | 2.7  | 2.7  | 2.7  | 0.6  |
| Lymph #  | x109/L  | Na  | 2.2  | 2.2  | 2.1  | 2.2  | 2.0  | 2.2  | 2.0  | 1,0  |
| Mid # (Mxd\*)  | x109/L  | Na  | 0.2  | 0.2  | Na  | 0.2  | Na  | Na  | Na  | 0.4  |
| Gran#(Neut\*)  | x109/L  | Na  | 1.5  | 1.5  | Na  | 1.5  | Na  | Na  | Na  | 0.8  |
| Lymph  | %  | Na  | 57.0  | 57.0  | 52.0  | 57.0  | 48.0  | 57.0  | 48.0  | 10  |
| Mid (Mxd\*)  | %  | Na  | 6.0  | 6.0  | Na  | 6.0  | Na  | Na  | Na  | 5.0  |
| Gran (Neut\*)  | %  | Na  | 37  | 37  | Na  | 37  | Na  | Na  | Na  | 10  |
| RBC  | x1012/L  | 3.04  | 2.99  | 2.91  | 2.99  | 2.99  | 2.88  | 2.91  |  2.95  | 0.20  |
| Hgb  | g/dL  | 7.6  | 7.7  | 7.6  | 7.8  | 7.6  | 7.9  | 7.3  | 7.6  | 0.5  |
| Hct  | %  | 22.3  | 21.9  | 21.3  | 22.2  | 21.7  | 21.6  | 21.0  | 21.1  | 3.0  |
| MCV  | fL  | 73.3  | 73.2  | 75.0  | 74.2  | 74.0  | 75.0  | 74.0  | 74.0  | 5.0  |
| MCH  | pg  | 25.0  | 25.7  | 26.1  | 26.0  | 25.4  | 27.4  | 25.0  | 25.7  | 3.0  |
| MCHC  | g/dL  | 34.0  | 35.1  | 35.8  | 35.1  | 35.0  | 36.6  | 34.8  | 36.0  | 3.0  |
| RDW-CV  | %  | 14.0  | 12.5  | 12.0  | 14.0  | 11.5  | 12.3  | 11.5  | 11.5  | 3.5  |
| PLT  | x109/L  |  70  |  65  | 68  | 90  | 70  | 65  | 70  | 70  | 30  |
| MPV  | fL  |  10.7  | 11.0  | 10.5  | 9.0  | 10.8  |  10.5  | 10.8  | 10.5  | 2,0  |
| **NORMAL CONTROL**  | **Sysmex** **K1000**  **K-4500**    | **Sysmex KX21N,** **XP300**    | **Abbott** **CELL-DYN**     | **Mindray** **BC-2800**  **BC-3000**    | **ABX** **Micros45/60**     | **Nihon Kohden MEK SERIES** **CELTAC ALPHA**    | **MEDONIC** **CA series Swelab**    | **ORPHEE MYTHIC** **18**    |   |
|   |
| **LOT 02-2405 EXP: 2024-08-28**  |
| Parameters  | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  |  Mean  | + Range  |
| WBC  | x109/L  | 7.2  | 7.2  | 7.1  | 7.9  | 7.1  | 7.2  | 7.1  | 7.2  | 1,2  |
| Lymph #  | x109/L  | Na  | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | Na  | 1,5  |
| Mid # (Mxd\*)  | x109/L  | Na  | 0.5  | 0.7  | 0.7  | 0.7  | 0.4  | 0.7  | Na  | 0.3  |
| Gran#(Neut\*)  | x109/L  | Na  | 3.8  | 4.2  | 4.2  | 4.2  | 4.0  | 4.2  | Na  | 1.2  |
| Lymph  | %  | Na  | 39.0  | 36.0  | 38.0  | 36.0  | 38.0  | 36.0  | 36.0  | 10  |
| Mid (Mxd\*)  | %  | Na  | 8.0  | 8.0  | 8.0  | 8.0  | 5.0  | 8.0  | 8.0  | 5.0  |
| Gran (Neut\*)  | %  | Na  | 53.0  | 56.0  | 54.0  | 56.0  | 57.0  | 56.0  | 56.0  | 10  |
| RBC  | x1012/L  | 4.49  | 4.39  | 4.29  | 4.45  | 4.31  | 4.28  | 4.29  | 4.31  | 0.25  |
| Hgb  | g/dL  | 13.0  | 13.0  | 13.0  | 12.9  | 13.3  | 13.1  | 13.0  | 13.2  | 0.6  |
| Hct  | %  |  37.5  | 36.9  | 35.0  | 37.7  | 35.5  | 37.0  | 34.4  | 35.0  | 3.0  |
| MCV  | fL  | 83.5  | 84.0  | 81.5  | 84.7  | 81.9  | 86.5  | 80.0  | 81.0  | 6.0  |
| MCH  | pg  | 28.9  | 29.6  | 30.2  | 29.0  | 30.9  | 30.6  | 30.3  | 30.5  | 3.0  |
| MCHC  | g/dL  | 34.6  | 35.2  | 37.0  | 34.2  | 37.5  | 35.4  | 37.8  | 37.7  | 3.0  |
| RDW-CV  | %  | 15.2  | 13.5  | 13.0  | 15.0  | 13.0  | 13.3  | 13.0  | 13.0  | 3.5  |
| PLT  | x109/L  | 220  | 215  | 210  | 265  | 218  | 220  | 210  | 220  | 50  |
| MPV  | fL  |  9.5  | 10.5  | 10.3  | 9.1  | 10.3  | 10.0  | 10.3  | 10.3  | 3.0  |
| **HIGH CONTROL**  | **Sysmex** **K1000**  **K-4500**    | **Sysmex** **KX21N,** **XP300**    | **Abbott** **CELL-DYN**     | **Mindray** **BC-2800** **BC-3000**    | **ABX** **Micros45/60**     | **Nihon Kohden MEK SERIES** **CELTAC ALPHA**    | **MEDONIC** **CA series Swelab**    | **ORPHEE** **MYTHIC** **18**    |   |
|   |
|   |
| **LOT 02-2405 EXP: 2024-08-28**  |
| Parameters  | Mean   | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  |  Mean  | + Range  |
| WBC  | x109/L  | 19.1  | 18.7  | 18.6  | 21.0  | 19.2  | 19.1  | 18.6  | 18.2  | 2.0  |
| Lymph #  | x109/L  | Na  | 17.0  | 17.0  | 16.0  | 17.0  | 16.0  | 17.0  | 17.0  | 1.5  |
| Mid # (Mxd\*)  | x109/L  | Na  | Na  | Na  | Na  | Na  | Na  | Na  | Na  | 1.0  |
| Gran#(Neut\*)  | x109/L  | Na  | Na  | Na  | Na  | Na  | Na  | Na  | Na  | 5,5  |
| Lymph  | %  | Na  | 88.0  | 88.0  | 76.0  | 88.0  | 76.0  | 88.0  | 88.0  | 10  |
| Mid (Mxd\*)  | %  | Na  | Na  | Na  | Na  | Na  | Na  | Na  | Na  | 5.0  |
| Gran (Neut\*)  | %  | Na  | Na  | Na  | Na  | Na  | Na  | Na  | Na  | 10  |
| RBC  | x1012/L  | 5.27  | 5.22  | 5.20  | 5.22  | 5.10  | 5.10  | 5.05  | 5.12  | 0.30  |
| Hgb  | g/dL  | 16.6  | 17.1  | 16.6  | 16.5  | 16.8  | 17.3  | 16.7  | 16.7  | 1,0  |
| Hct  | %  | 47.0  | 46.4  | 44.5  | 47.0  | 45.2  | 47.4  | 44.2  | 44.5  | 4.0  |
| MCV  | fL  | 89.1  | 89.2  | 86.0  | 90.0  | 89.0  | 92.9  | 88.0  | 88.0  | 6.0  |
| MCH  | pg  | 31.5  | 32.7  | 32.0  | 31.6  | 33.0  | 33.9  | 33.1  | 32.7  | 3.0  |
| MCHC  | g/dL  | 35.3  | 36.8  | 37.3  | 35.1  | 37.2  | 36.5  | 37.7  | 37.5  | 3.0  |
| RDW-CV  | %  | 14.5  | 14.0  | 14.2  | 14.5  | 13.3  | 12.8  | 13.3  | 13.3  | 3.5  |
| PLT  | x109/L  |  530  | 528  | 530  | 585  | 525  |  530  | 525  | 530  | 70  |
| MPV  | fL  |  10.0  | 10.8  | 10.0  | 9.2  | 9.0  |  10.5  | 9.0  | 9.0  | 3,0  |

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|  LOT 02-2405  |  | 2024-08-28  |
| 14 Days open vial  |

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| **LOW CONTROL**  | **DIAGON** **D-CELL30** **60 Series**  | **BAYER** **SEIMENS** **ADVIA60**  | **HYCELL/** **MS9**  |  **ERMA**  **CONVERGENT**  | **Diatron** **Abacus Jr.**  | **PROKAN** **PE6800**  | **Coulter**  | **RAYTO**  |   |
| **LOT 02-2405 EXP: 2024-08-28**  |
| Parameters  | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  | + Range  |
| WBC  | x109/L  | 2.98  | 3.0  | 2.7  | 2.77  | 2.7  | 3.1  | 2.7  | 3.0  | 0.6  |
| Lymph #  | x109/L  | 2.1  | 2.2  | 2.2  | 2.2  | 2.2  | 2.1  | 2.1  | 2.2  | 1,0  |
| Mid # (Mxd\*)  | x109/L  | Na  | 0.2  | Na  | 0.2  | Na  | Na  | Na  | 0.2  | 0.4  |
| Gran #(Neut\*)  | x109/L  | Na  | 1.5  | Na  | 1.5  | Na  | Na  | Na  | 1.5  | 0.8  |
| Lymph  | %  | 52.0  | 57.0  | 57.0  | 57.0  | 57.0  | 52.0  | 52.0  | 57.0  | 10  |
| Mid (Mxd\*)  | %  | Na  | 6.0  | Na  | 6.0  | Na  | Na  | Na  | 6.0  | 5.0  |
| Gran (Neut\*)  | %  | Na  | 37  | Na  | 37  | Na  | Na  | Na  | 37  | 10  |
| RBC  | x1012/L  |  2.99  | 2.99  | 2.91  | 2.91  | 2.91  | 2.7  | 2.91  | 2.99  | 0.20  |
| Hgb  | g/dL  | 7.8  | 7.6  | 7.3  | 7.6  | 7.3  | 7.4  | 7.6  | 7.6  | 0.5  |
| Hct  | %  | 22.2  | 21.7  | 21.0  | 21.3  | 21.0  | 19.8  | 21.8  | 21.7  | 3.0  |
| MCV  | fL  | 74.2  | 74.0  | 74.0  | 75.0  | 74.0  | 73.3  | 75.0  | 74.0  | 5.0  |
| MCH  | pg  | 26.0  | 25.4  | 25.0  | 26.1  | 25.0  | 27.4  | 26.1  | 25.4  | 3.0  |
| MCHC  | g/dL  | 35.1  | 35.0  | 34.8  | 35.8  | 34.8  | 37.4  | 34.9  | 35.0  | 3.0  |
| RDW-CV  | %  | 14.0  | 11.5  | 11.5  | 12.0  | 11.5  | 20.0  | 12.5  | 11.5  | 3.5  |
| PLT  | x109/L  | 90  | 70  | 70  | 68  | 70  | 99  |  70  | 70  | 30  |
| MPV  | fL  | 9.0  | 10.8  | 10.8  | 10.5  | 10.8  | 9.5  | 10.5  | 10.8  | 2,0  |
| **NORMAL CONTROL**  | **DIAGON** **D-CELL30** **60 Series**  | **BAYER** **SEIMENS** **ADVIA60**  | **HYCELL/** **MS9**  |  **ERMA**  **CONVERGENT**  | **Diatron** **Abacus Jr.**  | **PROKAN** **PE6800**  | **Coulter**  | **RAYTO**  |   |
| **LOT 02-2405 EXP: 2024-08-28**  |
| Parameters  | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  | + Range  |
| WBC  | x109/L  | 7.9  | 7.1  | 7.1  | 7.1  | 7.1  | 7.4  | 7.2  | 7.1  | 1,2  |
| Lymph #  | x109/L  | 2.8  | 2.8  | 2.8  | 2.8  | 2.8  | 2.5  | 2.7  | 2.8  | 1,5  |
| Mid # (Mxd\*)  | x109/L  | 0.7  | 0.7  | 0.7  | 0.7  | 0.7  | 0.7  | 0.7  | 0.7  | 0.3  |
| Gran #(Neut\*)  | x109/L  | 4.2  | 4.2  | 4.2  | 4.2  | 4.2  | 4.0  | 4.0  | 4.2  | 1.2  |
| Lymph  | %  | 38.0  | 36.0  | 36.0  | 36.0  | 36.0  | 38.0  | 35.0  | 36.0  | 10  |
| Mid (Mxd\*)  | %  | 8.0  | 8.0  | 8.0  | 8.0  | 8.0  | 8  | 8.0  | 8.0  | 5.0  |
| Gran (Neut\*)  | %  | 54.0  | 56.0  | 56.0  | 56.0  | 56.0  | 54.0  | 57.0  | 56.0  | 10  |
| RBC  | x1012/L  | 4.45  | 4.31  | 4.29  | 4.29  | 4.29  | 4.46  | 4.26  | 4.31  | 0.25  |
| Hgb  | g/dL  | 12.9  | 13.3  | 13.0  | 13.0  | 13.0  | 12.7  | 13.2  | 13.3  | 0.6  |
| Hct  | %  | 37.7  | 35.5  | 34.4  | 35.0  | 34.4  | 36.5  | 35.0  | 35.5  | 3.0  |
| MCV  | fL  | 84.7  | 81.9  | 80.0  | 81.5  | 80.0  | 81.8  | 82.0  | 81.9  | 6.0  |
| MCH  | pg  | 29.0  | 30.9  | 30.3  | 30.2  | 30.3  | 28.4  | 30.9  | 30.9  | 3.0  |
| MCHC  | g/dL  | 34.2  | 37.5  | 37.8  | 37.0  | 37.8  | 34.8  | 37.7  | 37.5  | 3.0  |
| RDW-CV  | %  | 15.0  | 13.0  | 13.0  | 13.0  | 13.0  | 15.2  | 13.2  | 13.0  | 3.5  |
| PLT  | x109/L  |  265  | 218  | 210  | 210  | 210  | 250  | 220  | 218  | 50  |
| MPV  | fL  |  9.1  |  10.3  | 10.3  | 10.3  | 10.3  | 8.5  | 10.3  |  10.3  | 3.0  |
| **HIGH CONTROL**  | **DIAGON** **D-CELL30** **60 Series**  | **BAYER** **SEIMENS** **ADVIA60**  | **HYCELL/** **MS9**  |  **ERMA**  **CONVERGENT**  | **Diatron** **Abacus Jr.**  | **PROKAN** **PE6800**  | **Coulter**  | **RAYTO**  |   |
| **LOT 02-2405 EXP: 2024-08-28**  |
| Parameters  | Mean   | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  | + Range  |
| WBC  | x109/L  | 21.0  | 19.2  | 18.6  | 18.6  | 18.6  | 19.5  | 18.6  | 19.2  | 2.0  |
| Lymph #  | x109/L  | 16.0  | 17.0  | 17.0  | 17.0  | 17.0  | 16.0  | 16.0  | 17.0  | 1.5  |
| Mid # (Mxd\*)  | x109/L  | Na  | Na  | Na  | Na  | Na  | Na  | Na  | Na  | 1.0  |
| Gran #(Neut\*)  | x109/L  | Na  | Na  | Na  | Na  | Na  | Na  | Na  | Na  | 5,5  |
| Lymph  | %  | 76.0  | 88.0  | 88.0  | 88.0  | 88.0  | 76.0  | 76.0  | 88.0  | 10  |
| Mid (Mxd\*)  | %  | Na  | Na  | Na  | Na  | Na  | Na  | Na  | Na  | 5.0  |
| Gran (Neut\*)  | %  | Na  | Na  | Na  | Na  | Na  | Na  | Na  | Na  | 10  |
| RBC  | x1012/L  | 5.22  | 5.10  | 5.05  | 5.20  | 5.05  | 5.52  | 5.20  | 5.10  | 0.30  |
| Hgb  | g/dL  | 16.5  | 16.8  | 16.7  | 16.6  | 16.7  | 18.1  | 16.8  | 16.8  | 1,0  |
| Hct  | %  | 47.0  | 45.2  | 44.2  | 44.5  | 44.2  | 49.0  | 43.2  | 45.2  | 4.5  |
| MCV  | fL  | 90.0  | 89.0  | 88.0  | 86.0  | 88.0  | 88.3  | 89.0  | 89.0  | 6.0  |
| MCH  | pg  | 31.6  | 33.0  | 33.1  | 32.0  | 33.1  | 32.6  | 32.9  | 33.0  | 3.0  |
| MCHC  | g/dL  | 35.1  | 37.2  | 37.7  | 37.3  | 37.7  | 37.0  | 36.5  | 37.2  | 3.0  |
| RDW-CV  | %  | 14.5  | 13.3  | 13.3  | 14.2  | 13.3  | 14.5  | 13.3  | 13.3  | 3.5  |
| PLT  | x109/L  | 585  | 525  |  525  | 530  | 525  | 545  | 525  | 525  | 70  |
| MPV  | fL  | 9.2  | 9.0  | 9.0  | 10.0  | 9.0  | 8.0  |  9.0  | 9.0  | 3,0  |

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| **LOW CONTROL**  | **Sysmex** **XS-500i,** **XS-800i** **XS-1000i**  | **Sysmex** **XT-1800i** **XT-2000i**  | **Sysmex** **XE-2100** **XE-5000**  | **Sysmex** **XN- Series**  | **MINDRAY BC-5 series**  | **MINDRAY** **BC-6800** **BC-6800+**  | **MINDRAY** **BC-6000** **BC-6200**  | **MINDRAY** **BC-700**  |   |
| **LOT 02-2405 EXP: 2024-08-28**  |
| Parameters  | Mean  | Mean  | Mean  |  Mean  | Mean  | Mean  | Mean  | Mean  | + Range  |
| WBC  | x109/L  | 2.4  | 2.44  | 2.44  | 2.2  | 2.6  | 2.5  | 2.5  | 2.5  | 0,7  |
| RBC  | x1012/L  | 2.98  | 2.97  | 2.97  | 2.86  | 2.98  | 3.02  | 2.88  | 2.88  | 0.20  |
| Hgb  | g/dL  | 8.0  | 8.1  | 8.1  | 7.9  | 8.3  | 7.9  | 7.9  | 7.9  | 0.5  |
| Hct  | %  | 22.4  | 21.6  | 21.6  | 21.3  | 22.5  | 22.2  | 22.8  | 22.8  | 3.0  |
| MCV  | fL  | 75.2  | 72.7  | 72.7  | 74.4  | 75.5  | 73.5  | 79.2  | 79.2  | 5.0  |
| MCH  | pg  | 26.8  | 27.3  | 27.3  | 27.6  | 27.8  | 26.1  | 27.5  | 27.5  | 3.0  |
| MCHC  | g/dL  | 35.7  | 37.5  | 37.5  | 37.0  | 36.9  | 35.5  | 34.6  | 34.6  | 3.0  |
| RDW-CV  | %  | 14.0  | 14.0  | 14.0  | 13.2  | 12.7  | 14.3  | 14.5  | 14.5  | 3.5  |
| PLT  | x109/L  | 70  | 65  | 65  | 70  | 95  | 75  | 83  | 83  | 30  |
| MPV  | fL  | 11.5  | 11.3  | 11.3  | 11.8  | 8.0  | 9.5  | 12.5  | 12.5  | 2,0  |
| **NORMAL CONTROL**  | **Sysmex** **XS-500i,** **XS-800i** **XS-1000i**  | **Sysmex** **XT-1800i** **XT-2000i**  | **Sysmex** **XE-2100** **XE-5000**  | **Sysmex** **XN- Series**  | **MINDRAY BC-5 series**  | **MINDRAY** **BC-6800** **BC-6800+**  | **MINDRAY** **BC-6000** **BC-6200**  | **MINDRAY** **BC-700**  |   |
| **LOT 02-2405 EXP: 2024-08-28**  |
| Parameters  | Mean  | Mean  | Mean  |  Mean  | Mean  | Mean  | Mean  | Mean  | + Range  |
| WBC  | x109/L  | 7.0  | 7.0  | 7.0  | 7.0  | 8.2  | 7.0  | 6.5  | 6.5  | 1.2  |
| RBC  | x1012/L  | 4.50  |  4.53  |  4.53  | 4.35  | 4.48  | 4.56  | 4.28  | 4.28  | 0.25  |
| Hgb  | g/dL  | 13.4  | 13.3  | 13.3  | 13.3  | 13.4  | 13.0  | 12.9  | 12.9  | 0.6  |
| Hct  | %  | 38.5  | 38.5  | 38.5  | 36.6  | 38.3  | 38.0  | 38.2  | 38.2  | 3.0  |
| MCV  | fL  | 85.5  | 85.5  | 85.5  | 84.1  | 85.5  | 83.3  | 89.2  | 89.2  | 6.0  |
| MCH  | pg  | 29.7  | 29.3  | 29.3  | 30.5  | 29.9  | 28.5  | 30.1  | 30.1  | 3.0  |
| MCHC  | g/dL  | 34.8  | 34.6  | 34.6  | 36.3  | 35.0  | 34.2  | 33.7  | 33.7  | 3.0  |
| RDW-CV  | %  | 15.3  | 15.0  | 15.0  | 14.5  | 14.0  | 15.0  | 15.5  | 15.5  | 5.0  |
| PLT  | x109/L  | 230  | 225  | 225  | 230  | 258  | 268  | 235  | 235  | 50  |
| MPV  | fL  | 10.5  |  10.5  |  10.5  | 11.0  | 9.0  | 9.9  | 11.0  | 11.0  | 3.0  |
| **HIGH CONTROL**  | **Sysmex** **XS-500i,** **XS-800i** **XS-1000i**  | **Sysmex** **XT-1800i** **XT-2000i**  | **Sysmex** **XE-2100** **XE-5000**  | **Sysmex** **XN- Series**  |  **MINDRAY**  **BC-5** **series**  | **MINDRAY**  **BC-6800** **BC-6800+**  | **MINDRAY** **BC-6000** **BC-6200**  | **MINDRAY** **BC-700**  |   |
| **LOT 02-2405 EXP: 2024-08-28**  |
| Parameters  | Mean  | Mean  | Mean  |  Mean  | Mean  | Mean  | Mean  | Mean  | + Range  |
| WBC  | x109/L  | 17.0  | 17.3  | 17.3  | 16.5  | 19.7  | 17.7  | 18.8  | 18.8  | 2.0  |
| RBC  | x1012/L  | 5.40  | 5.43  | 5.43  | 5.27  | 5.37  | 5.38  | 5.19  | 5.19  | 0.35  |
| Hgb  | g/dL  | 17.1  | 17.1  | 17.1  | 17.0  | 17.0  | 17.6  | 16.7  | 16.7  | 1,0  |
| Hct  | %  | 48.7  | 47.5  | 47.5  | 47.5  | 48.9  |  47.7  | 48.8  | 48.8  | 5,5  |
| MCV  | fL  | 90.1  | 87.5  | 87.5  | 90.2  | 91.1  | 88.6  | 94.0  | 94.0  | 7.0  |
| MCH  | pg  | 31.6  | 31.5  | 31.5  | 32.2  | 31.6  | 32.7  | 32.1  | 32.1  | 3.0  |
| MCHC  | g/dL  | 35.1  | 36.0  | 36.0  | 35.7  | 34.7  | 36.9  | 34.2  | 34.2  | 3.0  |
| RDW-CV  | %  | 15.5  | 15.0  | 15.0  | 14.3  | 13.9  | 14.8  | 15.0  | 15.0  | 3.5  |
| PLT  | x109/L  | 600  | 580  | 580  | 590  | 590  | 630  | 580  | 580  | 75  |
| MPV  | fL  | 10.8  |  10.5  |  10.5  | 11.0  | 9.5  | 10.0  |  11.5  |  11.5  | 3,0  |

 *\*To use the control for 5part-Diff instrument, Please set the instrument on CBC-mode function then do the sampling.*

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|  LOT 02-2405  |  | 2024-08-28  |
| 14 Days open vial  |

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| **CONTROL**  | **CELLDYNE** **RUBY**  | **ABX** **PENTRA6****0 60C,120**  | **PENTRA** **80, 80XL**  | **Zybio**  |  **ORPHEE**  **MYTHIC 22**  **22AL**  |  **ORPHEE**  **MYTHIC 60**  |  **NihonKohden** **CELLTAC E,ES** **CELLTAC F**  | **Nihon Kohden** **CELLTAC G**  |   |
| **LOT 02-2405 EXP: 2024-08-28**  |
| Parameters  | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  | + Range  |
| WBC  | x109/L  | 2.7  | 2.7  | 2.7  | 2.5  | 1.5  | 1.8  | 2.7  | 2.9  | 0.8  |
| RBC  | x1012/L  | 2.99  | 2.99  | 2.99  | 2.91  | 2.89  | 3.02  |  3.02  | 2.90  | 0.20  |
| Hgb  | g/dL  | 7.7  | 7.7  | 7.7  | 7.9  | 7.8  | 8.1  | 7.9  | 7.4  | 0.5  |
| Hct  | %  | 21.9  | 21.9  | 21.9  | 21.3  | 22.9  | 24.0  | 23.2  |  24.0  | 3.0  |
| MCV  | fL  | 73.2  | 73.2  | 73.2  | 73.1  | 79.2  | 79.4  | 76.8  | 82.7  | 5.0  |
| MCH  | pg  | 25.7  | 25.7  | 25.7  | 27.1  | 27.0  | 26.8  | 26.1  | 25.5  | 3.0  |
| MCHC  | g/dL  | 35.1  | 35.1  | 35.1  | 37.0  | 34.0  | 33.7  | 34.0  | 30.8  | 3.0  |
| RDW-CV  | %  | 12.5  | 12.5  | 12.5  | 13.2  | 14.0  | 13.5  | 15.5  | 12.3  | 3.5  |
| PLT  | x109/L  |  65  |  65  |  65  | 75  | 70  | 70  | 82.0  | 80  | 30  |
| MPV  | fL  |  11.0  |  11.0  |  11.0  | 11.8  | 10.8  | 11.0  | 9.0  | 9.0  | 2,0  |
| **NORMAL CONTROL**  | **CELLDYNE RUBY**  | **ABX** **PENTRA6****0 60C,120**  | **PENTRA** **80, 80XL**  | **Zybio**  |  **ORPHEE**  **MYTHIC 22**  **22AL**  |  **ORPHEE**  **MYTHIC 60**  |  **NihonKohden** **CELLTAC E,ES** **CELLTAC F**  |  **Nihon Kohden** **CELLTAC G**  |   |
| **LOT 02-2405**  **EXP: 2024-08-28**  |
| Parameters   | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  | + Range  |
| WBC  | x109/L  | 7.3  |  7.2  |  7.2  | 7.3  | 4.6  | 5.5  | 7.1  | 7.6  | 1.2  |
| RBC  | x1012/L  | 4.40  | 4.39  | 4.39  | 4.36  | 4.32  | 4.40  | 4.45  | 4.36  | 0.25  |
| Hgb  | g/dL  | 13.0  | 13.0  | 13.0  | 13.2  | 13.2  | 13.7  | 13.1  | 12.9  | 0.6  |
| Hct  | %  | 37.1  | 36.9  | 36.9  | 36.8  | 36.5  | 37.5  | 38.2  | 42.0  | 3.0  |
| MCV  | fL  | 84.3  | 84.0  | 84.0  | 84.4  | 84.4  | 85.2  | 85.8  | 96.3  | 6.0  |
| MCH  | pg  | 29.5  | 29.6  | 29.6  | 30.2  | 30.5  | 31.1  | 29.4  | 29.5  | 3.0  |
| MCHC  | g/dL  | 35.0  | 35.2  | 35.2  | 35.8  | 36.1  | 36.5  | 34.3  | 30.7  | 3.0  |
| RDW-CV  | %  | 11.0  | 13.5  | 13.5  | 14.5  | 14.0  | 13.5  | 15.5  | 14.8  | 5.0  |
| PLT  | x109/L  | 168  | 215  | 215  | 230  | 225  | 258  | 230  | 250  | 50  |
| MPV  | fL  | 9.5  | 10.5  | 10.5  | 11.3  | 11.0  | 10.8  | 12.0  | 9.5  | 3.0  |
| **HIGH CONTROL**  | **CELLDYNE RUBY**  | **ABX** **PENTRA6****0 60C,120**  | **PENTRA** **80, 80XL**  | **Zybio**  |  **ORPHEE**  **MYTHIC 22**  **22AL**  |  **ORPHEE**  **MYTHIC 60**  |  **NihonKohden** **CELLTAC E,ES** **CELLTAC F**   |  **Nihon Kohden** **CELLTAC G**  |   |
| **LOT 02-2405**  **EXP: 2024-08-28**  |
| Parameters    | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  | Mean  | + Range  |
| WBC  | x109/L  | 18.7  | 18.7  | 18.7  | 18.5  | 8.0  | 10.0  | 18.2  | 19.9  | 2.0  |
| RBC  | x1012/L  | 5.22  | 5.22  | 5.22  | 5.24  | 5.20  | 5.30  | 5.20  | 5.31  | 0.30  |
| Hgb  | g/dL  | 17.1  | 17.1  | 17.1  | 16.8  | 16.9  | 17.3  | 16.9  | 16.7  | 1,0  |
| Hct  | %  | 46.4  | 46.4  | 46.4  | 47.4  | 46.8  | 49.6  | 48.5  | 53.5  | 5.0  |
| MCV  | fL  | 89.2  | 89.2  | 89.2  | 90.4  | 90.0  | 93.5  | 93.2  | 100.7  | 7.0  |
| MCH  | pg  | 32.7  | 32.7  | 32.7  | 32.0  | 32.5  | 34.8  | 32.5  | 31.4  | 3.0  |
| MCHC  | g/dL  | 36.8  | 36.8  | 36.8  | 35.4  | 36.1  | 35.6  | 34.8  | 31.2  | 3.0  |
| RDW-CV  | %  | 14.0  | 14.0  | 14.0  | 14.3  | 12.8  | 13.9  | 15.0  | 15.0  | 3.5  |
| PLT  | x109/L  | 528  | 528  | 528  | 570  | 530  | 595  | 600  | 635  | 75  |
| MPV  | fL  | 10.8  | 10.8  | 10.8  | 11.0  | 9.8  | 10.5  | 8.9  | 9.0  | 3,0  |

 *\*To use the control for 5part-Diff instrument, Please set the instrument on CBC-mode function then do the sampling.*

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| **CONTROL**  | **DANAM** **DATACELL** **16/18**  | **BACKER 9110PLUS**  |   |
| **LOT 02-2405 EXP: 2024-08-28**  |
| Parameters  | Mean   | Mean  | + Range  |
| WBC  | x109/L  | 2.7  | 2.7  | 0.8  |
| RBC  | x1012/L  | 2.95  | 2.99  | 0.20  |
| Hgb  | g/dL  | 7.6  | 7.7  | 0.5  |
| Hct  | %  | 21.1  | 21.9  | 3.0  |
| MCV  | fL  | 74.0  | 73.2  | 5.0  |
| MCH  | pg  | 25.7  | 25.7  | 3.0  |
| MCHC  | g/dL  | 36.0  | 35.1  | 3.0  |
| RDW-CV  | %  | 11.5  | 12.5  | 3.5  |
| PLT  | x109/L  | 70  |  65  | 30  |
| MPV  | fL  | 10.5  |  11.0  | 2,0  |
| **NORMAL CONTROL**  | **DANAM** **DATACELL** **16/18**  | **BACKER 9110PLUS**  |   |
| **LOT 02-2405**  **EXP: 2024-08-28**  |
| Parameters    | Mean  | Mean  | + Range  |
| WBC  | x109/L  | 7.2  | 7.1  | 1.2  |
| RBC  | x1012/L  | 4.31  | 4.31  | 0.25  |
| Hgb  | g/dL  | 13.2  | 13.3  | 0.6  |
| Hct  | %  | 35.0  | 35.5  | 3.0  |
| MCV  | fL  | 81.0  | 81.9  | 6.0  |
| MCH  | pg  | 30.5  | 30.9  | 3.0  |
| MCHC  | g/dL  | 37.7  | 37.5  | 3.0  |
| RDW-CV  | %  | 13.0  | 13.0  | 5.0  |
| PLT  | x109/L  | 220  | 218  | 50  |
| MPV  | fL  | 10.3  | 10.3  | 3.0  |
| **HIGH CONTROL**  | **DANAM** **DATACELL** **16/18**  | **BACKER 9110PLUS**  |   |
| **LOT 02-2405**  **EXP: 2024-08-28**  |
| Parameters    | Mean  | Mean  | + Range  |
| WBC  | x109/L  | 18.2  | 19.2  | 2.0  |
| RBC  | x1012/L  | 5.12  | 5.10  | 0.30  |
| Hgb  | g/dL  | 16.7  | 16.8  | 1,0  |
| Hct  | %  | 44.5  | 45.2  | 5.0  |
| MCV  | fL  | 88.0  | 89.0  | 7.0  |
| MCH  | pg  | 32.7  | 33.0  | 3.0  |
| MCHC  | g/dL  | 37.5  | 37.2  | 3.0  |
| RDW-CV  | %  | 13.3  | 13.3  | 3.5  |
| PLT  | x109/L  | 530  | 525  | 75  |
| MPV  | fL  | 9.0  | 9.0  | 3,0  |

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