

# MINOCAL™ CALIBRATOR

## Hematology Reference Calibrator

Instrument:  
Performed by:  
Date:

Lot No.: **CX436**  
Exp. Date: **2019-08-05** (Y/M/D)

| Table of Assigned Values                 | WBC K/ $\mu$ L | RBC M/ $\mu$ L  | HGB g/dL       | HCT %          | PLT K/ $\mu$ L | MPV fL         |
|--|----------------|-----------------|----------------|----------------|----------------|----------------|
| ABX MICROS ESV 60                        | 8.5 $\pm$ 0.2  | 4.55 $\pm$ 0.08 | 13.4 $\pm$ 0.2 | 38.7 $\pm$ 1.0 | 238 $\pm$ 12   | 8.9 $\pm$ 0.5  |
| ABX MICROS 60, ADVIA® 60                 | 8.8 $\pm$ 0.2  | 4.57 $\pm$ 0.08 | 13.8 $\pm$ 0.2 | 38.8 $\pm$ 1.0 | 236 $\pm$ 12   | 8.0 $\pm$ 0.5  |
| ABX MICROS CRP 200                       | 8.4 $\pm$ 0.2  | 4.55 $\pm$ 0.08 | 13.8 $\pm$ 0.2 | 38.7 $\pm$ 1.0 | 237 $\pm$ 12   | 8.4 $\pm$ 0.5  |
| ABX PENTRA 60 OT, ABX PENTRA 60 C+       | 8.8 $\pm$ 0.2  | 4.57 $\pm$ 0.08 | 13.7 $\pm$ 0.2 | 37.3 $\pm$ 1.0 | 235 $\pm$ 12   | 10.1 $\pm$ 0.5 |
| ABX PENTRA 80, ABX PENTRA XL80           | 8.8 $\pm$ 0.2  | 4.58 $\pm$ 0.08 | 13.8 $\pm$ 0.2 | 37.6 $\pm$ 1.0 | 233 $\pm$ 12   | 10.1 $\pm$ 0.5 |
| ABX PENTRA XLR                           | 8.8 $\pm$ 0.2  | 4.58 $\pm$ 0.08 | 13.8 $\pm$ 0.2 | 37.6 $\pm$ 1.0 | 226 $\pm$ 12   | 10.7 $\pm$ 0.5 |
| ABX MICROS ES 60                         | 8.8 $\pm$ 0.2  | 4.53 $\pm$ 0.08 | 13.5 $\pm$ 0.2 | 38.4 $\pm$ 1.0 | 235 $\pm$ 12   | 8.7 $\pm$ 0.5  |
| ABX PENTRA DX 120, ABX PENTRA DF 120     | 9.2 $\pm$ 0.2  | 4.60 $\pm$ 0.06 | 13.7 $\pm$ 0.2 | 37.5 $\pm$ 1.0 | 240 $\pm$ 10   | N/A            |
| ABX PENTRA DX NEXUS, ABX PENTRA DF NEXUS | 9.2 $\pm$ 0.2  | 4.60 $\pm$ 0.06 | 13.7 $\pm$ 0.2 | 37.7 $\pm$ 1.0 | 240 $\pm$ 10   | N/A            |

| Table 1. Determine Mean Value           | WBC K/ $\mu$ L | RBC M/ $\mu$ L | HGB g/dL | HCT % | PLT K/ $\mu$ L |
|---|----------------|----------------|----------|-------|----------------|
| Sample 1                                |                |                |          |       |                |
| 2                                       |                |                |          |       |                |
| 3                                       |                |                |          |       |                |
| 4                                       |                |                |          |       |                |
| 5                                       |                |                |          |       |                |
| 6                                       |                |                |          |       |                |
| Total                                   |                |                |          |       |                |
| Mean Value (Total $\div$ 6)             |                |                |          |       |                |
| SD                                      |                |                |          |       |                |
| %CV (SD $\div$ Mean Value $\times$ 100) |                |                |          |       |                |

| Table 2. Determine Calibration Factor              | WBC K/ $\mu$ L | RBC M/ $\mu$ L | HGB g/dL | HCT % | PLT K/ $\mu$ L |
|--|----------------|----------------|----------|-------|----------------|
| MINOCAL Assigned Value<br>Mean Value               | _____          | _____          | _____    | _____ | _____          |
| Calibration Factor (round off to 3 decimal places) |                |                |          |       |                |
| MINOCAL Reading (Table 1, Sample 6)                |                |                |          |       |                |
| Corrected Calibrator Reading for Adjustment        |                |                |          |       |                |

| Table 3. Verify Calibration | WBC K/ $\mu$ L | RBC M/ $\mu$ L | HGB g/dL | HCT % | PLT K/ $\mu$ L |
|-----------------------------|----------------|----------------|----------|-------|----------------|
| Sample 1                    |                |                |          |       |                |
| 2                           |                |                |          |       |                |
| 3                           |                |                |          |       |                |
| Total                       |                |                |          |       |                |
| Mean Value (Total $\div$ 3) |                |                |          |       |                |

For technical assistance, call the Customer Support Center at 1-888-903-5001.