Accuracy Performance Within Glucose Ranges Compared with Capillary Glucose Reference

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| --- | --- | --- | --- | --- | --- | --- |
| **Glucose Range (mg/dL)** | **MARD, % (Product A)** | **MARD, % (Product B)** | **Percentage ±20 mg/dL/±20% (Product A)** | **Percentage ±20 mg/dL/±20% (Product B)** | **N (%) (Product A)** | **N (%) (Product B)** |
| < 54 | 16.3 | 12.2 | 60.8 | 78.1 | 20 (1.2) | 43 (1.4) |
| 54 to 69 | 13.5 | 9.3 | 68.7 | 85.4 | 55 (3.2) | 88 (2.8) |
| < 70 | 14.1 | 9.8 | 66.9 | 82.6 | 75 (4.3) | 131 (4.2) |
| 70 to 180 | 11.9 | 7.9 | 76.5 | 90.5 | 1311 (75.4) | 2211 (71.3) |
| 181 to 250 | 11.2 | 7.5 | 81.3 | 93.1 | 274 (15.8) | 586 (18.9) |
| > 250 | 10.8 | 7.0 | 80.2 | 94.5 | 78 (4.5) | 174 (5.6) |
| ≥ 70 | 11.4 | 8.2 | 75.9 | 91.0 | 1663 (95.7) | 2971 (95.8) |
| **Combined** | **11.3** | **8.5** | **74.6** | **90.2** | **1738** | **3102** |

Abbreviations: MARD: mean absolute relative difference; SMBG: self-monitoring blood glucose

The capillary BG measurements were done by the participants in the home setting, and therefore, this part of the study represented the real-world situation where the patient compares their CGM glucose to the BG meter results.

Typically, a **MARD below 10% is considered very accurate** for CGM systems, while **anything significantly higher may indicate less reliable readings.**