

GOING **ABOVE** with the Accu-Chek® Guide system



In Canada, blood glucose monitoring systems (meters) have to meet ISO standards by delivering 95% of results within:¹

- ± 0.83 mmol/L of the reference values for glucose concentrations < 5.5 mmol/L; or
- $\pm 15\%$ of the reference values for glucose concentrations ≥ 5.5 mmol/L.

The Accu-Chek Guide system is our most accurate system to date

Our accuracy not only *meets but EXCEEDS* the ISO standard:^{2,3}

99.7% of results within ± 0.56 mmol/L ($\pm 10\%$) of the reference values at glucose concentrations < 5.5 mmol/L and within $\pm 10\%$ of reference values at glucose concentrations ≥ 5.5 mmol/L.*

95% of results within ± 0.42 mmol/L ($\pm 7.5\%$) of the reference values for glucose concentrations < 5.5 mmol/L or $\pm 7.5\%$ of the reference values for glucose concentrations ≥ 5.5 mmol/L.*

Accuracy reduces the chance of missing a hypoglycemic event

Probability of missing a hypoglycemic event when the laboratory reference value for glucose concentration is 3.3 mmol/L:⁴

4% At $\pm 15\%$ accuracy, up to 4% of hypoglycemic events may be missed.

1% At $\pm 10\%$ accuracy, the risk of missing a hypoglycemic event drops to 1%.

Accuracy and Accu-Chek® Guide for a system that goes **ABOVE AND BEYOND**



GOING **BEYOND** with the Accu-Chek Guide system

The Accu-Chek Guide system offers more, with key features that simplify your patients' diabetes management.



Spill-resistant SmartPack™ vial

Simply remove just one strip at a time



Unique strip design

Makes testing easier with the widest† dosing area on the market



mySugr app

The smart diabetes companion to automatically log blood sugar and more



Bright port light and backlit display

For testing anytime, anywhere



No-touch strip ejector

To keep things quick, easy and hygienic

*All (100%) Accu-Chek Guide test values were within Zone A and B of the Parkes Consensus Error Grid.
†Among industry-leading manufacturers. Data on file

accu-chek.ca

References: 1. ISO 15197:2013/EN ISO 15197: 2015 In vitro diagnostic test systems – Requirements for blood-glucose monitoring systems for self-testing in managing diabetes mellitus. Available from: <https://www.iso.org/standard/54976.html>. 2. Brazg RL, Klaff LJ, Sussman AM. New generation blood glucose monitoring system exceeds international accuracy standards. *J Diabetes Sci Technol*. 2016;10(6):1414–1415. 3. Roche Diabetes Care. Data on file. 2019. 4. Breton MD, Kovatchev BP. Impact of blood glucose self-monitoring errors on glucose variability, risk for hypoglycemia, and average glucose control in type 1 diabetes: An in silico study. *J Diabetes Sci Technol*. 2010;4(3):562–570. 5. Harvey C et al. Usability evaluation of a blood glucose monitoring system with a spill-resistant vial, easier strip handling, and connectivity to a mobile app: Improvement of patient convenience and satisfaction. *J Diabetes Sci Technol*. 2016;10(5):1136–1141.

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