

Accu-Chek® Instant

# Simply clear, simply connected

£7.50  
for  
50 strips

The Accu-Chek Instant system provides a simply clear, simply connected blood glucose monitoring experience for people with diabetes and their healthcare professionals. Suitable for patients requiring simple self-monitoring of blood glucose (SMBG), as well those who will benefit from more advanced features to support their diabetes management.

## Key points:

- **Simply clear:** Target range indicator to visually help patients to correctly interpret their blood glucose values<sup>1</sup>
- **Simply connected:** Bluetooth enabled connectivity allows seamless transfer of blood glucose results to the mySugr App
- **Proven accuracy:** Fulfills ISO 15197:2013/EN ISO 15197:2015 and delivers even tighter 10/10 accuracy<sup>2</sup>
- £7.50 per 50 test strips on the drug tariff\*
- Accu-Chek FastClix lancing device

Connectivity to the mySugr app



The system's features, such as the intuitive target range indicator, the wide sample application area, the strip ejector feature and the large text display are designed to support ease-of-use for patients.

Bluetooth® enabled connectivity allows a seamless transfer of blood glucose values to the mySugr app, enabling sharing with a healthcare professional or other caregiver.

And for those adult patients requiring more advanced features to support their therapy, an insulin calculator (bolus advisor) is available in mySugr Pro app.

*Roche Diabetes Care products offer quality and accuracy from the market leading brand, with over 40 years' experience in diabetes care. We partner with healthcare customers to create prescribing efficiencies that add value to diabetes care within health economies.*

If you are interested in learning more about how Roche Diabetes Care can support with formulary implementation contact our dedicated support team on UK: **0800 0407221**

# Accuracy you can trust

The starter kit contains everything needed to make it simple to use straight out of the box. Kit includes: 10 test strips; a FastClix lancing device and lancets; carry case; user manual and a quick start guide.

For patients who would like to take advantage of the features offered by the mySugr app, it is available for downloading from the App store and Google Play store.



## System Accuracy

The following compounds were found to be interfering substances when tested with the Accu-Chek Instant system

Substance	Accu-Chek Instant system Accuracy Threshold (mmol/L)
Ascorbic Acid <sup>3</sup>	> 0.28
Lipidemia (Triglycerides) <sup>4</sup>	> 20.30
Xylose <sup>5</sup>	> 0.67

## System Precision:

### Study Design

Repeatability of the Accu-Chek Instant system was assessed using venous blood samples. Ten vials of test strips from each of three lots were allocated per target glucose level. Ten replicates per vial were collected and the overall SD or CV (based on glucose level) was calculated using results from all vials and strip lots.

### Venous Blood Samples

- **Level 1:** 1.7 to 2.8 mmol/L
- **Level 2:** 2.8 to 6.1 mmol/L
- **Level 3:** 6.2 to 8.3 mmol/L
- **Level 4:** 8.4 to 13.9 mmol/L
- **Level 5:** 13.9 to 22.2 mmol/L

## Acceptance Criteria

- Standard deviation (SD) shall be  $\leq 0.22$  mmol/L at glucose concentrations  $< 5.6$  mmol/L
- Coefficient of variation (CV) shall be  $\leq 4.0\%$  at glucose concentrations  $\geq 5.6$  mmol/L

## Results (Pooled Strip Lots)

Level	Mean	SD	CV
1	2.3	0.1	--
2	4.7	0.1	--
3	7.6	0.2	2.2
4	12.0	0.3	2.5
5	19.6	0.5	2.4

## Conclusion

All acceptance criteria are clearly met. In fact, with all strip lots pooled, the SD values are at or below 0.1 mmol/L for glucose concentrations less than 5.6 mmol/L, and CV values are at or below 2.5% for concentrations above 5.6 mmol/L. These data indicate that the Accu-Chek Instant system provides precise results with venous blood.



For more information  
[RocheDiabetes.com](https://www.RocheDiabetes.com)

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### \* Drug tariff date

- 1 Parkin CG, et al. Use of an Integrated Tool for Interpretation of Blood Glucose Data Improves Correctness of Glycemic Risk Assessment in Individuals with Type 1 and Type 2 Diabetes. J Diabetes Sci Technol. 2016 Sep 12.
- 2 Breitenbeck N, Brown, A: Assessment of a Blood Glucose Monitoring System for Self-Testing with Three Test Strip Lots Following ISO 15197:2013/ EN ISO 15197:2015. J Diabetes Sci Technol. 2017.
- 3 The system should not be used during intravenous administration of ascorbic acid.
- 4 Lipemic samples (triglycerides) in excess of 20.30 mmol/L may produce elevated results.
- 5 The system should not be used during xylose absorption test.

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