

## Important product update



## Accu-Chek® Performa now provides plasma glucose results.

Results from Accu-Chek Performa meters appear approximately **11% higher** compared to readings from Accu-Chek® Advantage meters.

However, it is important to note that your actual blood glucose has not increased. The only thing that has changed is the way the result is reported.

**If you have any concerns, please contact your Healthcare Professional.**

### Answers to your questions

**Q: Why do results from the Accu-Chek Performa seem higher than results I used to get?**

**A:** The Accu-Chek Performa calculates the amount of blood glucose found in plasma, rather than in whole blood. Results from plasma appear about 11% higher than results read from whole blood. This doesn't mean actual glucose levels are higher, it is just a different scale of measurement, just as there are different scales to measure temperature - like Celsius and Fahrenheit.

**Q: Why has the scale changed?**

**A:** The change to report results from plasma will help standardise the measurement of blood glucose for all patients worldwide. Right now, various blood glucose monitoring systems use different methods for reporting results.

**Q: What will my doctor do about my new results?**

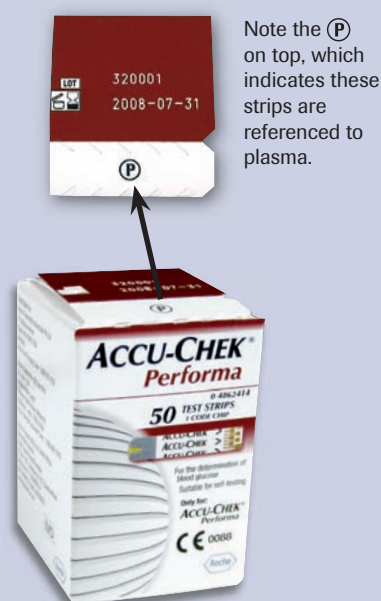
**A:** Doctors and diabetes healthcare professionals have been informed that the Accu-Chek Performa reports blood glucose levels in plasma. They also have been informed that the International Federation of Clinical Chemistry (IFCC) has recommended that all blood glucose monitoring systems should give a plasma result.<sup>1</sup>

*As always, if your blood glucose result does not match how you feel, you should re-test or contact your Healthcare Professional.*

**Q: Can I use both the Accu-Chek Performa and the Accu-Chek Advantage meters?**

**A:** No, these use different measurements. Compiling results from different systems will confuse the picture of what's really happening with trends in


*your blood glucose control. For accuracy and reliability, only use one meter system at all times. Don't alternate between meters.*




Note the (P) on top, which indicates these strips are referenced to plasma.

## Blood glucose value comparisons: whole blood vs. plasma

Accu-Chek Advantage test strips	Accu-Chek Performa test strips
Value based on glucose concentration in <b>whole blood</b> (mmol/L)	Value based on glucose concentration in <b>plasma</b> (mmol/L) (IFCC recommendation)
4.4	4.9
4.7	5.2
5.0	5.6
5.3	5.8
5.6	6.2
5.8	6.5
6.1	6.8
6.4	7.1
6.7	7.4
6.9	7.7
7.2	8.0
7.5	8.3
7.8	8.6
8.1	9.0
8.3	9.2
8.6	9.6
8.9	9.9
9.2	10.2
9.4	10.4
9.7	10.8
10.0	11.1

 Recommended pre-meal glucose level for adults with diabetes.<sup>2</sup>

 Recommended post-meal glucose level for adults with diabetes.<sup>2</sup>

On average, results referenced to plasma will be approximately 11% higher than results referenced to whole blood.<sup>1</sup>

**As always, if you have any concerns please contact your Healthcare Professional.**

<sup>1</sup> D'Orazio P, Burnett RW, Fogh-Andersen N, et al. Approved IFCC Recommendation on Reporting Results for Blood Glucose (Abbreviated). Clin Chem. 2005;51(9):1573-1576.

<sup>2</sup> American Diabetes Association. Standards of Medical Care in Diabetes. Diabetes Care. 2004;27 Suppl 1:S15-S35.



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