

EVALUATION

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Blood glucose monitoring: know your systems

Whole blood or plasma calibration?



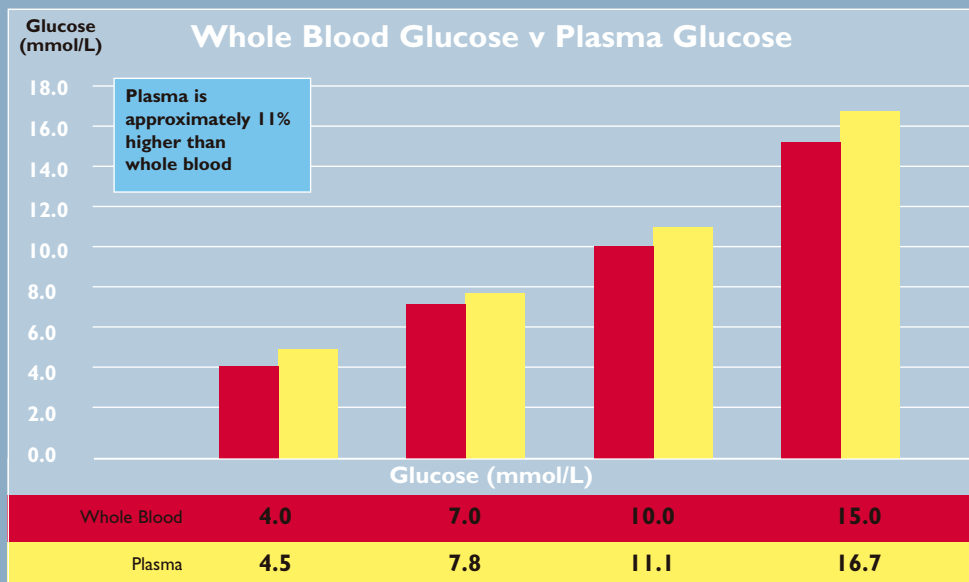
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A guide to whole blood and plasma calibrated blood glucose meters on the UK market

Whole blood calibrated meters in the UK						
Bayer Diagnostics					The Elite and Elite XL are for professional use only. The Contour is for professional and home use.	
	Elite & Elite XL	Ascensia Esprit 2	Ascensia Breeze	Ascensia Contour		
Roche Diagnostics						
	Accu-Chek Advantage II	Accu-Chek Active	Accu-Chek Compact	Accu-Chek Compact Plus	Accu-Chek Aviva	
DiagnoSys Medical			The Prestige meters are also own-branded for Superdrug.			
	Prestige QX Smart System	Prestige LX Smart System				
LifeScan		OneTouch II and OneTouch Basic are also whole blood calibrated in the UK.				
	OneTouch Profile					
HemoCue			The Glucose 201+ and the 201 DM analysers are for healthcare professional use only.			
	Glucose 201+	Glucose 201 DM				
Plasma calibrated meters in the UK						
Abbott Diabetes Care <small>(formerly known as MediSense)</small>						
	Precision QID	Optium	Optium Xceed	TheraSense FreeStyle	SoftSense	Precision PCx
LifeScan						
	OneTouch Ultra	OneTouch Ultra Smart				
Menarini Diagnostics						
	GlucoMen PC	GlucoMen Glyco				
DiagnoSys Medical		The TrueTrack is also own-branded for Superdrug.				
	TrueTrack Smart System					

Whole blood and plasma calibrated blood glucose meters in the UK - what is the difference?

- Although self monitoring blood glucose meters use a sample of capillary whole blood from a fingerstick, they may be calibrated to give results that are equivalent to a plasma calibrated method.
- Some glucose meters are calibrated to give plasma equivalent results, which are approximately 11% higher than whole blood calibrated systems. Always check first, as this will influence treatment goals.
- Patients purchasing strips from abroad or on-line must ensure that the test strips are calibrated to the same UK specifications.



The Device Evaluation Service (DES) is a major provider of medical device evaluations. In 2004, DES evaluated over 400 products offering guidance on best choice and best practice to the NHS and Social Service organisations. DES helps deliver government priorities by producing impartial comparative information for purchasers and users.

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Similar leaflets available

- A guide to blood glucose meters on the UK market
- A guide to lancing devices on the UK market

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