

## Country-Specific Glucose Monitor List

**Country Name:** Singapore

### **Important Information**

This list is compiled from a search via: Internet, literature, Baxter internal studies, information from government agencies, test strip leaflets, safety alerts, and direct information from the product manufacturers. While efforts have been made to provide accurate and current information, Baxter does not manufacture these glucose monitor or test strips and does not guarantee the initial or continued accuracy of this information. Please contact the manufacturer(s) of the glucose monitor and test strip to obtain the latest compatibility information before using in conjunction with EXTRANEAL (Icodextrin) peritoneal dialysis (PD) solution.

1. EXTRANEAL (Icodextrin) PD solution contains icodextrin. Maltose, a metabolite of icodextrin, may interfere with certain glucose monitors or test strips. This interference will result in a falsely elevated glucose reading using these monitors or test strips.
2. This interference may mask true hypoglycemia or lead to the erroneous diagnosis of hyperglycemia. Thus, a blood glucose reading within or above the normal range in a patient on EXTRANEAL (Icodextrin) PD solution, using these monitors or test strips, may mask true low blood sugar. This would cause a patient or health care professional to not take the appropriate steps to bring the blood sugar into a normal range. Or, a falsely-elevated blood glucose reading could cause a patient to get more insulin than needed. Both of these situations can lead to life-threatening events, including loss of consciousness, coma, neurological damage or death.
3. The dialysis unit or patient should contact the manufacturer(s) of the glucose monitor and/or test strips to determine if the monitor or test strips they are using are subject to interference by icodextrin or maltose, or if they measure only glucose. Also, consult the product information included with the glucose monitor and test strips.
  - The following list is for reference only. This list does not imply recommendation of these glucose monitors or test strips.
  - Identified compatibilities are shown in the table below. **ONLY glucose-specific monitors and test strips should be used with patients on EXTRANEAL (Icodextrin) PD solution.** Test strips are listed with their companion monitor - if you use other strips, contact the manufacturer to verify that they are glucose-specific. The list provides the contact information of the more common, major brands of monitors/test strip manufacturers.
  - This is a non-comprehensive list, current as of 02 July 2010. Absence of your specific glucose monitor or test strips from this list does **NOT** imply compatibility with EXTRANEAL (Icodextrin) PD solution. Always contact the manufacturer for current information. Baxter has no obligation to update the content of this list.

## GLUCOSE MONITORS

Updated 02 July 2010

Glucose Monitor Brand	Compatible with Extraneal (Icodextrin) PD solution (Glucose-specific)	Test Type*	Manufacturer
Optium	Yes	GDH-NAD	Abbott Diabetes Care <a href="http://www.abbottdiabetescare.com">www.abbottdiabetescare.com</a> +65-6278-7366
Optium Easy	Yes	GDH-NAD	
Optium EZ	Yes	GDH-NAD	
Optium Xceed	Yes	GDH-NAD	
Optium Xido	Yes	GDH-NAD	
Precision PCx	Yes <sup>1</sup>	GDH-NAD, GO <sup>1</sup>	
Precision QID <sup>B</sup>	Yes	GO	
Precision Xceed	Yes	GDH-NAD	
Precision Xceed Pro	Yes	GDH-NAD	
Precision Xtra	Yes	GDH-NAD	
Precision Xtra OK	Yes <sup>1</sup>	GDH-NAD, GO <sup>1</sup>	
ReliOn Ultima	Yes	GDH-NAD	



Elite	Yes	GO	
OneTouch Basic <sup>B</sup>	Yes	GO	Lifescan, Inc. <a href="http://www.lifescan.com">www.lifescan.com</a> +65-6827-6000
OneTouch FastTake	Yes	GO	
OneTouch InDuo	Yes	GO	
OneTouch Profile <sup>B</sup>	Yes	GO	
OneTouch Select	Yes	GO	
OneTouch SureStep	Yes	GO	
OneTouch Ultra	Yes	GO	
OneTouch Ultra 2	Yes	GO	
OneTouch UltraMini	Yes	GO	
OneTouch UltraSmart	Yes	GO	
ONE TOUCH II	Yes	GO	
SureStep Flexx	Yes	GO	
Accu-Chek Inform II <sup>4</sup>	Yes <sup>4</sup>	GDH-MUT <sup>4</sup>	Roche Diagnostics <a href="http://www.roche-diagnostics.com">www.roche-diagnostics.com</a> <a href="http://www.accu-chek.com">www.accu-chek.com</a> +65-6272-9200
Accu-Chek Inform II <sup>4</sup>	No <sup>4</sup>	GDH-PQQ <sup>4</sup>	
Accu-Chek Performa <sup>4</sup>	Yes <sup>4</sup>	GDH-MUT <sup>4</sup>	
Accu-Chek Performa <sup>4</sup>	No <sup>4</sup>	GDH-PQQ <sup>4</sup>	
Accu-Chek Performa Combo <sup>4</sup>	Yes <sup>4</sup>	GDH-MUT <sup>4</sup>	
Accu-Chek Performa Combo <sup>4</sup>	No <sup>4</sup>	GDH-PQQ <sup>4</sup>	
Accu-Chek Nano <sup>4</sup>	Yes <sup>4</sup>	GDH-MUT <sup>4</sup>	
Accu-Chek Nano <sup>4</sup>	No <sup>4</sup>	GDH-PQQ <sup>4</sup>	
Accu-Chek Active/S System	No	GDH-PQQ	
Accu-Chek Advantage <sup>A</sup>	No	GDH-PQQ	
Accu-Chek Aviva	No	GDH-PQQ	
Accu-Chek Comfort	No	GDH-PQQ	
Accu-Chek Compact	No	GDH-PQQ	
Accu-Chek Compact Plus <sup>A</sup>	No	GDH-PQQ	
Accu-Chek Complete System	No	GDH-PQQ	
Accu-Chek Go/Go S System	No	GDH-PQQ	
Accu-Chek GTS/GTS Plus	No	GDH-PQQ	
Accu-Chek Inform System	No	GDH-PQQ	
Accu-Chek Inform	No	GDH-PQQ	
Accu-Chek Integra System	No	GDH-PQQ	
Accu-Chek Plus	No	GDH-PQQ	
Accu-Chek Sensor	No	GDH-PQQ	
Accu-Chek Voicemate/Voice	No	GDH-PQQ	
Mate Plus System	No	GDH-PQQ	
Statstrip Hospital	Yes	GOD	<a href="http://www.novabiomedical.com">www.novabiomedical.com</a> No local contact number
Statstrip Xpress	Yes	GOD	

<sup>1</sup> Two types of **compatible** test strips for Precision PCx and Precision Xtra OK.

<sup>2</sup> These brand name monitors can utilize GDH-PQQ (**incompatible**) and GDH-FAD (**compatible**) strips. Consult manufacturer for additional information.

<sup>3</sup> This Arkray GDH-FAD monitor/test strip is **incompatible**. Consult manufacturer for additional information.

<sup>4</sup> These brand name monitors can utilize GDH-PQQ (**incompatible**) and GDH-MUT (**compatible**) strips. Consult manufacturer for additional information.

#### Test Type\*

GO = glucose oxidase

GDH-PQQ= glucose dehydrogenase with pyrroloquinolinequinone

GDH-NAD= glucose dehydrogenase with nicotinamide-adenine dinucleotide

GDH-FAD= glucose dehydrogenase with flavin-adenine dinucleotide

**GDH-MUT** = glucose dehydrogenase with pyrroloquinolinequinone modified to eliminate maltose interference

**References:**

<sup>A</sup> Baxter study 32386 (McGaw Park) Determination of potential interference of icodextrin and its metabolites on human blood glucose measurement using Accu-Chek compact and Advantage systems.

<sup>B</sup> Baxter report REP-NIV-RE-366, (Nivelles) Evaluation of potential interference in blood glucose determination (measured with enzymatic methods) for patients treated with icodextrin.

<sup>C</sup> Baxter report RD-01-RE-233 (McGaw Park) Evaluation of potential interference in the blood glucose test kit MediSense Sof-Tact with icodextrin and its metabolites.

<sup>D</sup> Baxter report 33541 (McGaw Park) Determination of potential interference of icodextrin and its metabolites on human blood glucose measurement using chosen glucometer-GlucoCard X-Meter (Arkray)

Please see full prescribing information for EXTRANEAL (icodextrin) PD solution.

Baxter and EXTRANEAL are trademarks of Baxter International Inc.

Other trademarks or products appearing herein are the property of their respective owners.