

Country-Specific Glucose Monitor List

Country Name: South Africa

New Important Information

The glucose monitors manufacturers listed have certified to Baxter that they have tested (as per 2013 ISO 15197) their monitors with maltose and icodextrin to Baxter's recommended limits: 278 mg/dL (maltose) and 1094 mg/dL (icodextrin). The manufacturers certified that their "green" monitors, below, showed no interference of blood glucose readings under these conditions.

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 monitors or test strips and thus 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 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. Also, consult the product information included with the glucose monitor and test strips.
4. The following list is for reference only. This list does not imply recommendation of these glucose monitors or test strips.
5. 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.** Contact the manufacturer to verify that the test strips and monitor are glucose-specific. The list provides the contact information of the more common, major brand manufacturers.
6. This is a non-comprehensive list, current as of November 2014. 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

November 2014

Glucose Monitor Brand	Compatible with Extraneal (Icodextrin) PD solution (Glucose-specific)	Test Type*	Manufacturer
Boots	Yes	GDH-NAD	Abbott Diabetes Care www.abbottdiabetescare.com Phone: 0800-222-688
FreeStyle InsuLinx	Yes	GDH-FAD	
FreeStyle Optium	Yes	GDH-NAD	
FreeStyle Optium H	Yes	GDH-NAD	
FreeStyle Optium Neo	Yes	GDH-NAD	
FreeStyle Papillon InsuLinx	Yes	GDH-FAD	
FreeStyle Precision	Yes	GDH-NAD	
FreeStyle Precision H	Yes	GDH-NAD	
FreeStyle Precision Neo	Yes	GDH-NAD	
FreeStyle Precision Pro	Yes	GDH-NAD	
Omron HEA-214	Yes	GDH-NAD	
Optium	Yes	GDH-NAD	

Glucose Monitor Brand	Compatible with Extraneal (Icodextrin) PD solution (Glucose-specific)	Test Type*	Manufacturer
Optium Easy OptiumEZ Optium Xceed Optium Xido Precision PCx ¹ Precision QID ^B Precision Xceed Precision Xceed Pro Precision Xtra Precision Xtra OK ¹ ReliOn Ultima TrueSense	Yes Yes Yes Yes Yes ¹ Yes Yes Yes Yes Yes ¹ Yes Yes	GDH-NAD GDH-NAD GDH-NAD GDH-NAD GDH-NAD, GO ¹ GO GDH-NAD GDH-NAD GDH-NAD GDH-NAD, GO ¹ GDH-NAD GDH-NAD	
FreeStyle Flash ² FreeStyle Flash ² FreeStyle Freedom ² FreeStyle Freedom ² FreeStyle Freedom Lite ² FreeStyle Freedom Lite ² FreeStyle Lite ² FreeStyle Lite ² FreeStyle Mini ² FreeStyle Mini ² FreeStyle Papillon Lite ² FreeStyle Papillon Lite ² FreeStyle Papillon Mini ² FreeStyle Papillon Mini ² FreeStyle Papillon Vision ² FreeStyle Papillon Vision ²	Yes ² No ² Yes ² No ² Yes ² No ² Yes ² No ² Yes ² No ² Yes ² No ² Yes ² No ² Yes ² No ²	GDH-FAD ² GDH-PQQ ² GDH-FAD ² GDH-PQQ ² GDH-FAD ² GDH-PQQ ² GDH-FAD ² GDH-PQQ ² GDH-FAD ² GDH-PQQ ² GDH-FAD ² GDH-PQQ ² GDH-FAD ² GDH-PQQ ² GDH-FAD ² GDH-PQQ ²	
Advance Intuition Assure Platinum Assure Pro Assure 4 GLUCOCARD 01 GLUCOCARD 01-mini GLUCOCARD 01-mini plus GLUCOCARD Expression GLUCOCARD MyDIA GLUCOCARD Vital GLUCOCARD Σ GLUCOCARD Σ-mini PocketChem EZ ReliOn Confirm ReliOn micro ReliOn Prime GLUCOCARD X-meter ^{D,3} GLUCOCARD X-mini ³ GLUCOCARD X-mini plus ³	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes No ³ No ³ No ³	GO GO GO GO GO GO GO GO GO GO GO GO GO GO GO GO GO GDH-FAD ³ GDH-FAD ³ GDH-FAD ³	Arkray, Inc. www.arkrayusa.com

Glucose Monitor Brand	Compatible with Extraneal (Icodextrin) PD solution (Glucose-specific)	Test Type*	Manufacturer
Accu-Chek Performa Nano ⁴ Accu-Chek Performa Nano ⁴	Yes ⁴ No ⁴	Mut Q-GDH ⁴ GDH-PQQ ⁴	
Accu-Chek Advantage ^A Accu-Chek Comfort Accu-Chek Compact Accu-Chek Complete System Accu-Chek Go/Go S System Accu-Chek GTS/GTS Plus Accu-Chek Inform System Accu-Chek Inform Accu-Chek Integra System Accu-Chek Plus Accu-Chek Sensor Accu-Chek Voicemate/Voice Mate Plus System	No No No No No No No No No No No No	GDH-PQQ GDH-PQQ GDH-PQQ GDH-PQQ GDH-PQQ GDH-PQQ GDH-PQQ GDH-PQQ GDH-PQQ GDH-PQQ GDH-PQQ GDH-PQQ	

¹ Two types of **compatible** test strips for Precision PCx and Precision Xtra OK.

² These brand name monitors can utilize either GDH-PQQ (**incompatible**) or GDH-FAD (**compatible**) strips. Consult manufacturer for additional information.

³ These Arkray GDH-FAD monitors/test strip are **incompatible**. Consult manufacturer for additional information.

⁴ These brand name monitors can utilize either GDH-PQQ (**incompatible**) or Mut Q-GDH (**compatible**) strips. Consult manufacturer for additional information.

⁵ The ACCU-CHEK Nano (not Aviva or Performa) and ACCU-CHEK Aviva Plus glucose systems are available within the United States ONLY, and use test strips branded as ACCU-CHEK Smartview and ACCU-CHEK Aviva Plus, respectively. These systems use the MUT Q-GDH (**compatible**) strips. Consult manufacturer for additional information.

Test Type*

GO = glucose oxidase

GDH-PQQ = glucose dehydrogenase with pyrroloquinolinequinone (note: **GDO**, glucose-dye-oxidoreductase, is an **incompatible** PQQ-based method)

GDH-NAD = glucose dehydrogenase with nicotinamide-adenine dinucleotide

GDH-FAD = glucose dehydrogenase with flavin-adenine dinucleotide

Mut Q-GDH = glucose dehydrogenase with pyrroloquinolinequinone modified to eliminate maltose interference

References:

^A Baxter report 32386 Determination of potential interference of icodextrin and its metabolites on human blood glucose measurement using Accu-Chek compact and Advantage systems.

^B Baxter report REP-NIV-RE-366 Evaluation of potential interference in blood glucose determination (measured with enzymatic methods) for patients treated with icodextrin.

^C Baxter report RD-01-RE-233 Evaluation of potential interference in the blood glucose test kit MediSense Sof-Tact with icodextrin and its metabolites.

^D Baxter report Interim 3, 33541 Determination of potential interference of icodextrin and its metabolites on human blood glucose measurement using chosen glucometer, Glucocard X-Meter (Arkray).

^E Baxter report Interim 1, 33541 Determination of potential interference of icodextrin and its metabolites on human blood glucose measurement using chosen glucometers.

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.