

Country-Specific Glucose Monitor List

Country Name: *NEW ZEALAND*

Important Information

This is a non-comprehensive list, current as of 1st June, 2017. Absence of a specific glucose monitor or test strips from this list does NOT imply compatibility or incompatibility with EXTRANEAL (Icodextrin) PD solution. Similarly, other glucose-measuring technologies which are not listed below (such as continuous glucose monitoring systems) may or may not be compatible with EXTRANEAL. **Always contact the device manufacturer for current information.** If the manufacturer cannot provide information regarding compatibility of the device with icodextrin and maltose, Baxter does NOT recommend that EXTRANEAL patients use the product. Baxter reserves the right to change this list without notice and does not represent that it includes all potentially incompatible products.

The glucose monitor manufacturers listed have certified to Baxter that they have tested (as per 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, with the exception of the "green" monitors specifically noted⁴ for which certification of testing to Baxter's recommended limits has not yet been received. Please note that the compatibility list below is only for brand-name monitors used with the corresponding brand-name test strip. If a brand-name monitor is used with another manufacture's test strip, **always contact the test strip manufacturer for current 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 may cause a patient or health care professional to not take the appropriate steps to bring the blood sugar into a normal range. Alternatively, 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.

GLUCOSE MONITORS

Updated 1st June, 2017

| 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 106 100 |
| FreeStyle Flash | Yes | GDH-FAD | |
| FreeStyle Freedom | Yes | GDH-FAD | |
| FreeStyle Freedom Lite | Yes | GDH-FAD | |
| FreeStyle InsuLinx | Yes | GDH-FAD | |
| FreeStyle Lite | Yes | GDH-FAD | |
| FreeStyle Mini | Yes | GDH-FAD | |
| FreeStyle Optium | Yes | GDH-NAD | |
| FreeStyle Optium H | Yes | GDH-NAD | |
| FreeStyle Optium Neo | Yes | GDH-NAD | |
| FreeStyle Optium Neo H | Yes | GDH-NAD | |
| FreeStyle Papillon InsuLinx | Yes | GDH-FAD | |
| FreeStyle Papillon Lite | Yes | GDH-FAD | |
| FreeStyle Papillon Mini | Yes | GDH-FAD | |
| FreeStyle Papillon Vision | 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 | |
| Optium Easy | Yes | GDH-NAD | |
| OptiumEZ | Yes | GDH-NAD | |
| Optium Xceed | Yes | GDH-NAD | |
| Optium Xido | Yes | GDH-NAD | |
| Optium Xido Neo | Yes | GDH-NAD | |
| Precision Xceed | Yes | GDH-NAD | |
| Precision Xceed Pro | Yes | GDH-NAD | |
| Precision Xtra | Yes | GDH-NAD | |
| Precision Xtra OK ¹ | Yes ¹ | GDH-NAD, GO ¹ | |
| ReliOn Ultima | Yes | GDH-NAD | |
| TrueSense | Yes | GDH-NAD | |
| Assure Platinum | Yes | GO | Arkray, Inc. www.arkrav.asia/english/ Phone: (+65) 6258 3400 |
| Assure Prism ⁴ | Yes ⁴ | GO ⁴ | |
| GLUCOCARD 01 | Yes | GO | |
| GLUCOCARD 01-mini | Yes | GO | |
| GLUCOCARD 01-mini plus | Yes | GO | |
| GLUCOCARD Expression | Yes | GO | |
| GLUCOCARD G Black | Yes | GDH-FAD | |
| GLUCOCARD MX | Yes | GDH-FAD | |
| GLUCOCARD MyDIA | Yes | GO | |
| GLUCOCARD Shine ⁴ | Yes ⁴ | GO ⁴ | |
| GLUCOCARD S | Yes | GDH-FAD | |
| GLUCOCARD SM | Yes | GDH-FAD | |
| GLUCOCARD Vital | Yes | GO | |

| Glucose Monitor Brand | Compatible with Extraneal (Icodextrin) PD solution (Glucose-specific) | Test Type* | Manufacturer |
|---|---|------------------------|---|
| StatStrip Hospital Glucose Meter | Yes | GO | Nova Biomedical www.nzms.co.nz Phone : +64 9 259 4062 |
| StatStrip Hospital Glucose and Ketone Monitoring System | Yes | GO | |
| StatStrip Xpress Glucose Meter | Yes | GO | |
| StatStrip Xpress Glucose and Ketone Monitoring System | Yes | GO | |
| StatStrip Xpress2 Glucose and Ketone Monitoring System | Yes | GO | |
| Nova Pro Glucose/Ketone Meter | Yes | GDH-FAD | |
| Accu-Chek Active | Yes | Mut Q-GDH | |
| Accu-Chek Aviva | Yes | Mut Q-GDH | |
| Accu-Chek Aviva Combo | Yes | Mut Q-GDH | |
| Accu-Chek Aviva Connect | Yes | Mut Q-GDH | |
| Accu-Chek Aviva Expert | Yes | Mut Q-GDH | |
| Accu-Chek Aviva Insight | Yes | Mut Q-GDH | |
| Accu-Chek Aviva Nano | Yes | Mut Q-GDH | |
| Accu-Chek Aviva Plus ³ | Yes ³ | Mut-Q-GDH ³ | |
| Accu-Chek Compact Plus | Yes | Mut Q-GDH | |
| Accu-Chek Guide | Yes | GDH-FAD | |
| Accu-Chek Inform II | Yes | Mut Q-GDH | |
| Accu-Chek Instant | Yes | GDH-FAD | |
| Accu-Chek Instant S | Yes | GDH-FAD | |
| Accu-Chek Nano ³ | Yes ³ | Mut Q-GDH ³ | |
| Accu-Chek Nano SmartView ³ | Yes ³ | Mut Q-GDH ³ | |
| Accu-Chek Mobile | Yes | Mut Q-GDH | |
| Accu-Chek Performa | Yes | Mut Q-GDH | |
| Accu-Chek Performa Combo | Yes | Mut Q-GDH | |
| Accu-Chek Performa Connect | Yes | Mut Q-GDH | |
| Accu-Chek Performa Insight | Yes | Mut Q-GDH | |
| Accu-Chek Performa Nano | Yes | Mut Q-GDH | |
| Accu-Chek Voicemate Plus System | Yes | Mut Q-GDH | |

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

² These Arkray monitors/test strips have switched from an incompatible GDH-FAD based chemistry to a **compatible** GDH-FAD based chemistry. Consult manufacturer for additional information.

³ 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.

⁴ This/These monitor/test strips were not currently certified as having been tested to Baxter's recommended interference limits for maltose or icodextrin when this List was issued. 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 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.

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