ISE Internal Reference Solution
Hitachi 7xx and 9xx Analyzers
BM-836246D

Manufacturer and Product Information

Diamond Diagnostics, 333 Fiske Street, Holliston, MA.
For Technical Assistance call:
Diamond Diagnostics Technical Services at 1-508-429-0450

Intended Use: Diamond ISE Internal Reference Solution is used to provide correct for drift due to junction potential; electrode condition between samples on the Hitachi 7xx and 9xx Analyzers.

Summary And Principle: This product is intended to serve as a functional equivalent to pre-existing material distributed by the Original Equipment Manufacturer (OEM).

Reagents: ISE Internal Reference Solution, BM-836246D 6 x 2000 mL
Containing: ISE Internal Reference Solution is an aqueous solution containing boric acid, NaCl, $NaHCO_3$, KH_2PO_4 and preservative.

For *in vitro* diagnostic use only

Values Assignment: Na,K, and Cl values are referenced to an aqueous standard made with corresponding analyte NIST (National Institute of Standards and Technology) material (919a/918a, 919a respectively).

Cautions: Exercise normal laboratory precautions. If contact occurs with skin, rinse affected area with water. If contact with eyes occurs, immediately rinse with copious amount of clean water or eye rinse. In cases of accidental ingestion, contact a physician immediately.

Stability: Product stability is listed on the product label. The product should not be used beyond this date. Store upright at room temperature, 18 – 25°C. Product intended for single use.

Procedure

Procedure: The product is manufactured in a ready to use form. It is intended to serve as a direct replacement to pre-existing materials distributed by the OEM. For a detailed description of the use of this reagent, refer to the Instrument's Operator Manual.

Quality Control: Diamond Diagnostics suggests the use of commercially available control material with results assayed for the instrument used. Controls should be run at Normal and Abnormal levels. Diamond Diagnostics suggests measuring controls before patient samples are run and following instrument maintenance.

Limitations

Limitations: If the instrument fails calibration or controls do not measure within acceptable range when Diamond Diagnostics products are used, Diamond Diagnostics suggests the following:

Verify that the internal calibrators used to standardize the instrument are correct for the instrument, have adequate expiration, and do not contain visually evident contamination.

Follow the procedures delineated within the Operator's Manual listed under Troubleshooting.

Ensure that all appropriate Maintenance Procedures, as listed in the Operator's Manual, have been performed.

If problems still exist, contact Diamond Diagnostics' Technical Service Department.

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