

REF A11A01741

CONT.

IVD **CE**



HORIBA ABX SAS
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FRANCE

ABX Pentra Reference-E

- Pentra C200
- Pentra C400
- ABX Pentra 400

Intended Use: Ion selective electrode intended for the quantitative determination of sodium, potassium and chloride with ISE module.

Intended Use ^a

ABX Pentra Reference-E is an ion selective electrode intended for the quantitative determination of sodium (Na⁺), potassium (K⁺) and chloride (Cl⁻) on instrument equipped with ISE module option.

Clinical Interest ^{b c}

ABX Pentra Reference-E is an ion selective electrode intended for the quantitative determination of sodium (Na⁺), potassium (K⁺) and chloride (Cl⁻) on clinical chemistry analyzer equipped with ISE module option.

Method

Quantitative determination of sodium, potassium and chloride with ISE module by potentiometry using ion selective electrode:

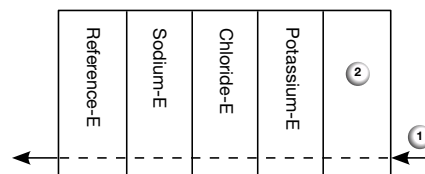
- direct (non diluted serum and plasma)
- indirect (diluted urine)

Characteristics

- **ABX Pentra Reference-E** is packaged individually.
- **ABX Pentra Reference-E** should be used according to this notice. The manufacturer cannot guarantee its performance if used otherwise.

Handling

1. Before installing an electrode in the instrument, remove the protections of each side of the electrode and check there is an O-ring.
2. When installing the electrode, place the electrode in the correct position shown below.



- 1: Sample
2: Air sensor

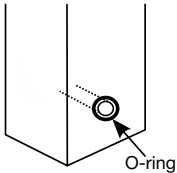
^a Modification: chapter added.

^b Modification from index A to B: available on Pentra C400.

^c Addition of ABX Pentra 400: leaflet reference modification from A93A01112D to A93A01258B.

ABX Pentra Reference-E

3. Make sure that O-rings are placed in the position shown in the drawing below. For the installation of each electrode, take care that the O-ring on the next electrode does not come off.



4. Please refer to the User Manual for electrode installation and maintenance.

Materials required but not provided

- Automated clinical chemistry analyzer equipped with ISE module option.
- Standard laboratory equipment.
- Electrodes:

ABX Pentra Sodium-E, Ref. A11A01738

ABX Pentra Chloride-E, Ref. A11A01739

ABX Pentra Potassium-E, Ref. A11A01740

Specimen (1)

Refer to the corresponding electrode notices.

Storage and Stability

The unopened electrodes may be installed up to the date mentioned on the packaging label if stored at 15-35°C. Once installed on the ISE module, Reference electrode can be used for 12 months.

Packaging spoiling

In case of protective packaging spoiling, do not use the electrode if the damages might have an effect on the product performance.

Waste Management

Please refer to local legal requirements.

General Precautions

- This electrode is for professional *in vitro* diagnostic use only.
- Observe the standard laboratory precautions for use.
- Operate the instrument according to User Manual under appropriate conditions.
- Wear rubber gloves during a replacement of electrodes.
- Please refer to the MSDS associated with the electrode.
- Do not use the product if there is visible evidence of biological, chemical or physical deterioration.

Warning

It is the user's responsibility to verify that this document is applicable to the electrode used.

Reference

1. Kanai I, Kanai M, Rinshokensaho-teiyo, revised, 30th edition, Kanehara-syuppan, Tokyo (1993): VIII709.