

**REF** A11A01741  
**CONT.**

**IVD** **CE**



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# 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 <sup>a</sup>

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

## Clinical Interest <sup>b c</sup>

**ABX Pentra Reference-E** is an ion selective electrode intended for the quantitative determination of sodium (Na<sup>+</sup>), potassium (K<sup>+</sup>) and chloride (Cl<sup>-</sup>) 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:

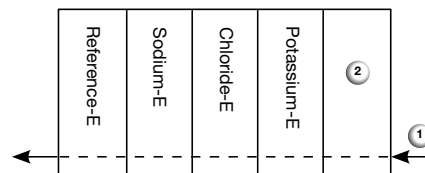
- direct (non diluted serum and plasma)
- indirect (diluted urine)

## 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.

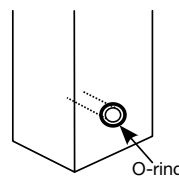
## Handling

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

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.

<sup>a</sup>Modification: chapter added.

<sup>b</sup>Modification from index A to B: available on Pentra C400.

<sup>c</sup>Addition of ABX Pentra 400: leaflet reference modification from A93A01112D to A93A01258B.

# ABX Pentra Reference-E

## 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, 30<sup>th</sup> edition, Kanehara-syuppan, Tokyo (1993): VIII709.