


# ABX Pentra CO<sub>2</sub> Cal

- Pentra C 200
- ABX Pentra 400

REF A11A01648

CAL 3 x 3 ml

IVD CE

 HORIBA ABX SAS  
B.P. 7290  
34184 MONTPELLIER Cedex 4  
FRANCE



## Calibrator for the measurement of bicarbonate / total CO<sub>2</sub> by spectrophotometry.

### Intended Use

ABX Pentra CO<sub>2</sub> Cal is used to calibrate ABX Pentra CO<sub>2</sub> RTU, Ref. A11A01645.

### Characteristics

- ABX Pentra CO<sub>2</sub> Cal is a liquid calibrator containing 30 mmol/l of bicarbonate.
- ABX Pentra CO<sub>2</sub> Cal is ready-to-use. The kit is composed of 3 vials of 3 ml.
- ABX Pentra CO<sub>2</sub> Cal should be used according to this calibrator notice and as specified in the respective instructions for use of the reagent. The manufacturer cannot guarantee its performance if used otherwise.

### Handling

1. Remove the cap of the vial, use a pipette to transfer the required volume into a sample cup.
2. Place the sample cup on the instrument:
  - For Pentra C 200 : Place the sample cup in the correct position on the instrument sample tray.
  - For ABX Pentra 400 : Place the sample cup on the appropriate rack of the instrument.

### Materials Required but not Provided

- HORIBA Medical reagents and automated clinical chemistry analyzer.
- Standard laboratory equipment

### Assigned Values

The assigned values are traceable with a reference material (NIST 351, SRM) in accordance with an established protocol (traceable to gravimetric procedure).

Please refer to the vial label for the exact concentration.

### Storage and Stability

Calibrators, in unopened vials, are stable up to the expiry date written on the label if stored at 2-25°C.

Once opened, ABX Pentra CO<sub>2</sub> Cal is stable for 3 months at 2-25°C.

This stability is obtained when vials are tightly recapped immediately after use and if contamination is avoided.

Do not freeze.

### Packaging spoiling

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

### Waste Management

Please refer to local legal requirements.

### General Precautions

- ABX Pentra CO<sub>2</sub> Cal should be used only for the determination of the calibration curve.
- This calibrator is for professional *in-vitro* diagnostic use only.
- Observe the standard laboratory precautions for use.
- The calibrator vials should be discarded after use. Disposal of all waste material should be in accordance with local guidelines.
- Please refer to the MSDS associated with the calibrator.
- Do not use the product if there is visible evidence of biological, chemical or physical deterioration.

# **ABX Pentra CO<sub>2</sub> Cal**

## **Warning**

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