

ABX Pentra CO₂ Cal

- Pentra C200
- Pentra C400
- ABX Pentra 400

REF A11A01648

CAL 3 x 3 mL

IVD 



HORIBA ABX SAS
Parc Euromédecine - Rue du Caducée
B.P. 7290
34184 MONTPELLIER Cedex 4
FRANCE

Calibrator for the measurement of bicarbonate / total CO₂ by spectrophotometry.

Intended Use ^a

ABX Pentra CO₂ Cal is used to calibrate ABX Pentra CO₂ RTU, Ref. A11A01645.

Characteristics

- ABX Pentra CO₂ Cal is a liquid calibrator containing 30 mmol/L of bicarbonate.
- ABX Pentra CO₂ Cal is ready-to-use. The kit is composed of 3 vials of 3 mL.
- ABX Pentra CO₂ 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 ^b

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 C200**: Place the sample cup in the correct position on the instrument sample tray.
 - For **Pentra C400**: Place the sample cup on the appropriate rack of the instrument.
 - 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 CO₂ 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.

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

^b Modification from index A to B: Pentra C400 handling added.

ABX Pentra CO₂ Cal

General Precautions

- **ABX Pentra CO₂ 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.

Warning

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