

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 total CO₂ by colorimetry.

Intended Use

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

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.

^aModification: modification of storage and stability.

^bModification: general precautions modification.

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 ^a

Calibrators, in unopened vials, are stable up to the expiry date written on the label if stored at 2-8°C.

Once opened, ABX Pentra CO₂ Cal is stable for 3 months at 2-8°C.

This stability is obtained when vials are tightly recapped immediately after use and if contamination is avoided. Do not freeze.

Waste Management

Please refer to local legal requirements.

General Precautions ^b

- ABX Pentra CO₂ Cal should be used only for the determination of the calibration curve.
- This reagent is classified as non-hazardous in compliance with regulation (EC) N°.1272/2008.
- This calibrator is for professional *in vitro* diagnostic use only.
- For prescription 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.

ABX Pentra CO₂ Cal

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