


ABX Pentra Ferritin Cal

- Pentra C 200
- ABX Pentra 400

REF A11A01619
CAL 4 x 1 ml

IVD **CE**

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



Calibrator for the measurement of Ferritin by latex-enhanced immunoturbidimetric assay.

Intended Use

ABX Pentra Ferritin Cal is used to calibrate **ABX Pentra Ferritin CP**, Ref. A11A01614.

Characteristics

- **ABX Pentra Ferritin Cal** is a liquid calibrator prepared by diluting ferritin with normal human serum to make a 500 ng/ml solution.
- **ABX Pentra Ferritin Cal** is ready-to-use. The kit is composed of 4 vials of 1 ml.
- **ABX Pentra Ferritin 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 based on primary calibration with WHO International Laboratory for Biological Standard. 1st International Standard (1984)
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 2-10°C and protected from light.

Once opened, **ABX Pentra Ferritin Cal** is stable for 4 months at 2-10°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.
- This calibrator contains less than 0.1 % of sodium azide as a preservative. As sodium azide may react with lead and copper to form explosive metal azides, this calibrator should be disposed of by flushing with copious amounts of water.

General Precautions

- **ABX Pentra Ferritin Cal** should be used only for the determination of the calibration curve.

ABX Pentra Ferritin Cal

- This calibrator is for professional *in-vitro* diagnostic use only.
- Observe the standard laboratory precautions for use.
- **Warning:** Human source material. Treat as potentially infectious. Each plasma donor unit used in the preparation of this product has been tested by an FDA approved method and found nonreactive for the presence of HBsAg, HCV and antibody to HIV1/2. Because no known test method can offer complete assurance that hepatitis B virus, Human Immunodeficiency Virus (HIV) or other infectious agents are absent, the calibrators should be treated like patient specimens as potentially infectious and handled with appropriate cautions in accordance with good laboratory practices (1, 2).
- 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.

Reference

1. Occupational Safety and Health Standards : bloodborne pathogens. (29 CFR 1910. 1030). Federal Register July 1, 1998 ; **6** :267-280.
2. Council Directive (2000/54/EC). Official Journal of the European Communities. No. L262 from October 17, 2000: 21-45.