

CRP CALIBRATOR (CRP CAL)

CAT. NO. CP 2179
GTIN: 05055273201659

PRODUCT NO. CP029
SIZE: 3 x 1 ml

INTENDED USE

This product is intended for *in vitro* diagnostic use, in the calibration of CRP on clinical chemistry systems.

SAFETY PRECAUTIONS AND WARNINGS

The control contains human CRP in a stabilised protein matrix. Human source material, from which this product has been derived, has been tested at donor level for the Human Immunodeficiency Virus (HIV 1, HIV 2) antibody, Hepatitis B Surface Antigen (HbsAg), Hepatitis C Virus (HCV) antibody, HBV DNA, HCV RNA and HIV DNA and found to be NON-REACTIVE. FDA approved methods have been used to conduct these tests.

However, since no method can offer complete assurance as to the absence of infectious agents, this material and all patient samples should be handled as though capable of transmitting infectious diseases and disposed of accordingly.

For *in vitro* diagnostic use only; do not pipette by mouth; exercise the normal precautions required for handling laboratory reagents.

This material contains Sodium Azide as preservative (toxic). Avoid ingestion or contact with skin or mucous membranes. In case of skin contact, flush affected area with copious amounts of water. In case of contact with eyes or if ingested, seek immediate medical attention.

Sodium Azide reacts with lead and copper plumbing, to form potentially explosive azides. When disposing of such reagents, flush with large volumes of water to prevent azide build up. Exposed metal surfaces should be cleaned with 10% sodium hydroxide.

STORAGE AND STABILITY

Unopened: The CRP calibrator is supplied ready for use and is stable up to the expiry date when capped and stored at +2°C to +8°C in the absence of contamination.

Opened: Once opened, the CRP calibrator is stable for 30 days when stored at +2°C to +8°C in the absence of contamination. Only the required amount of product should be removed and the cap subsequently replaced. After use, any residual product should NOT BE RETURNED to the original vial.

MATERIALS PROVIDED

CRP Calibrator 3 x 1 ml

MATERIALS REQUIRED BUT NOT PROVIDED

None

VALUE ASSIGNMENT

A value has been assigned to this lot of CRP Calibrators at Randox using an immunoturbidimetric method, with reference to material standardised against the European Reference Material ERM®-DA474/IFCC. The assigned values for the batch are listed below.

| LOT NO. | CRP (mg/l) | CRP (mg/dl) | EXPIRY DATE |
|---------|------------|-------------|-------------|
| 2388CP | 195.8 | 19.58 | 2017-08-28 |

CALIBRATOR SERIAL DILUTIONS

(For multicalibrator format)

Neat (undiluted) sample format for: CRP

Dilute the CP 029 calibrator with 0.9% (w/v) NaCl solution in a geometric series

| DILUTION | NEAT | 1/2 | 1/4 | 1/8 | 1/16 | 1/32 |
|-------------------------|------|------|------|------|------|------|
| APPROX. DILUTION FACTOR | 1 | 0.50 | 0.25 | 0.13 | 0.06 | 0.03 |

For example: If the CRP calibrator has a value of 200 mg/l, the range of standard dilutions will lie between:-
6.25 - 200 mg/l.

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