

BE Cal Ref Reference Plasma


Plasma for calibration of coagulation tests

REF 775100: CAL (6 x 1 mL)

PRINCIPLE

The Reference Plasma is used for calibration of indicated methods with BE reagents listed in § MATERIAL REQUIRED BUT NOT PROVIDED

REAGENTS

CAL	Cal Ref	Reference Plasma	
			Human Origin

Freeze-dried, human plasma (citrated)

SAFETY CAUTIONS ^{(1) (2)}

Behnk reagents are designated for professional in vitro diagnostic use.

- Refer to current Material Safety datasheet (MSDS) is available upon request.
- Use adequate protections (overall, gloves, glasses).
- Each individual donation of plasma was tested with approved tests and found negative for HBsAg, anti-HCV and anti-HIV I and II.
- However, as absence of infectious agents can never be proven, this plasma and all specimens should be handled as potentially infectious, in accordance with good laboratory practices using appropriate precautions.
- In the event of exposure, the directive of the responsible health authorities should be followed.
- Dispose of waste in accordance with the local regulations.

PREPARATION OF REAGENTS

CAL: Open the vial carefully and add exactly 1.0 mL of demineralised water, reconstitute without delay.
Recap and let stand for 15 minutes at room temperature.
Mix gently by swirling and inverting before use, to homogenise the content.

WARNING: DO NOT SHAKE. STORE AWAY FROM LIGHT

STABILITY AND STORAGE

Before reconstitution:

Stored away from light, well capped in the original vial at 2-8 °C lyophilised plasmas are stable until the expiry date stated on the label.

Once opened and reconstituted, plasma is stable:

- 3 hours at 2-8°C

LIMITS

Factors which may influence results are bacterial contamination, accuracy of reconstitution volume, respect of automated instrument procedure, temperature control.

MATERIAL REQUIRED BUT NOT PROVIDED

Basic medical analysis laboratory equipment
Precision pipettes
Automatic or semi-automatic Coagulation analyzer
Demineralised water

Behnk Reagents as follows:

REF 771300, REF 771301 BE FIB: Thrombin Kaolin + Buffer

REF 771602 BE Factor II: Deficient plasma FII

REF 771605 BE Factor V: Deficient plasma FV

REF 771607 BE Factor VII: Deficient plasma FVII

REF 771608 BE Factor VIII: Deficient plasma FVIII

REF 771609 BE Factor IX: Deficient plasma FIX

REF 771610 BE Factor X: Deficient plasma FX

REF 771611 BE Factor XI: Deficient plasma FXI

REF 771612 BE Factor XII: Deficient plasma FXII

Control plasma:

REF 773100 BE Trol 1

REF 773101 BE Trol 2

PROCEDURE

This plasma should be used as described in the technical data sheet of the BE reagents listed in § MATERIAL REQUIRED BUT NOT PROVIDED.

ASSIGNED VALUES ⁽³⁾

- BE Cal Ref values are **batch-specific**.
- The level of Fibrinogen is determined against its secondary standards of the corresponding primary International Standard for relevant parameters: SSC/ISTH Secondary Coagulation Standard NIBSC code: SSCLOT4
- This value is useable with Behnk Reagents on Thrombotimer 1, 2 and 4, Thrombostat 1 and 2 semi-automated analyzer, automatic analyzers as Behnk Thrombolyzer Series.
- Make sure that the batch number stated on the label of the vial corresponds to the batch number indicated here above:

LOT	Unit	Calibration values
Fibrinogen	mg/dL	
BE Factor II: FII	%	
BE Factor V: FV	%	
BE Factor VII: FVII	%	
BE Factor VIII: FVIII	%	
BE Factor IX: FIX	%	
BE Factor X: FX	%	
BE Factor XI: FXI	%	
BE Factor XII: FXII	%	

REFERENCES

- Occupational Safety and Health Standards: Bloodborne pathogens (29CFR1910.1030) Federal Register July 1, (1998); 6, p.267-280
- Directive du conseil de l'Europe (90/679/CEE) J. O. de la communauté européenne n°L374 du 31.12.1990, p.1-12
- Section 5.6 of ISO 17511- Measurements of quantities in biological samples- metrological traceability of values assigned to calibrators and controls

