

Convergys[®] Fib Clauss

Assay for the quantitative determination of fibrinogen in plasma.



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The Fibrinogen assay using the Clauss method is the most widely used assay for the quantitative determination of the plasma fibrinogen concentration.

A highly concentrated thrombin is added to diluted plasma and the clotting time is used to determine the fibrinogen concentration in the sample.

Features

- **Large range - linearity between 0.6 g/l and 8.0 g/l**
- **High precision - CV<6.5 % within and between runs (control)**
- **High stability - 24 months shelf life**
- **Easy to use – one vial reagent**

Convergys® Fib Clauss

The examination of fibrinogen levels using the Fib Clauss assay can be used as part of a general haemostatic screening in addition to APTT (activated partial thromboplastin time) and PT (prothrombin time) assays.

Convergys® Fib Clauss is used for the quantitative determination of fibrinogen in citrated plasma using the Clauss technique. The patient's plasma is diluted and

subsequently thrombin is added to a high concentration. Fibrinogen is then rapidly cleaved to fibrin monomers which then polymerize and form a mesh. The time until clotting is then given in seconds and compared with a calibration curve obtained by using a plasma sample with known fibrinogen concentration (reference plasma). The result of this comparison is given in g/L.

Specifications

Sensitivity:

linearity between 0.6 g/l and 8.0 g/l

Interfering substances:

No interferences up to: Heparin 4 IU/ml,
Bilirubin 50 mg/l, Dabigatran 475 µg/l,
Triglycerides 3.75 g/l

Specificity:

CV<6.5 % within and between runs (normal control)

Stability and storage conditions

Shelf life: 24 months from the date of production at 2-8 °C

Reconstituted: 7 days at 2-25 °C

Ordering information

REF	Pack size	Article description
1100-2239	10 x 5 ml	Convergys® Fib Clauss
Controls and auxiliary reagents		
1100-2240	10 x 5 ml	Convergys® Coag. Solvent
1100-2241	10 x 10 ml	Convergys® Coag. Solvent
1100-2243	10 x 8 ml	Convergys® Coag. Sample Diluent
1100-2250	1 x 1 ml	Convergys® Coag. Calibrator
1100-2253	1 x 1 ml	Convergys® Coag. Control 1
1100-2254	1 x 1 ml	Convergys® Coag. Control 2

