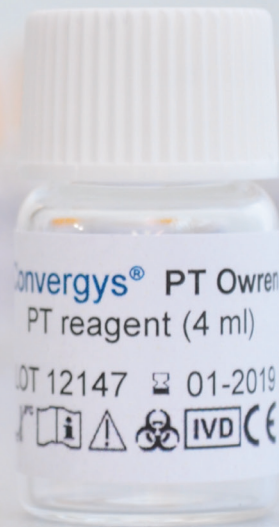


Convergys[®] PT Owren

Assay for the determination of the Prothrombin Time (PT) in plasma or whole blood.



Convergys[®] PT Owren

Convergys[®] PT Owren is used for the monitoring of anticoagulation therapy and testing the integrity of the extrinsic and common pathway using the determination of the Prothrombin Time (PT). While the PT Quick assay is more widely used, the PT Owren assay has notable advantages, since it is less sensitive to interferences. Furthermore, blood (citrated or capillary) can be used as a sample for the determination of the PT.

Features

- **Sample can be plasma, citrated blood or capillary blood**
- **For optical and mechanical detection systems**
- **Strong fibrin clot – suitable for mechanical detection**
- **Sensitive at very low PT activity**

Convergys® PT Owren

Convergys® PT Owren contains thromboplastin of rabbit and a plasma fraction of bovine origin. This bovine plasma is a source of fibrinogen and factor V in the reaction and is deficient in factors II, VII and X. The fibrinogen clot resulting from the reaction is very strong, making the assay suitable for optical as well as mechanical detection.

In comparison with the more widely used PT Quick assay the PT Owren assay is less

sensitive to interference by lupus antibodies (LA), platelets and an excess of citrate in the sample. Also, PT Owren is insensitive to variations in factor V and fibrinogen. Using the PT Owren assay, capillary blood and citrated blood can be used as a sample in addition to plasma. It is well suited for point of care applications, since the necessary sample volume is low due to sample dilution during the assay. The results of the PT Owren assay are comparable to PT Quick results, as long as they are expressed as INR.

Specifications

ISI value: 0.9-1.2

Range: up to an INR of 10

Sensitivity: Factors II, VII and X

Stability and storage conditions

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

Reconstituted: 7 days at 2-8 °C

Ordering information

REF	Pack size	Article description
1100-2233	10 x 4 ml	Convergys® PT Owren
Controls and auxiliary reagents		
1100-2240	10 x 5 ml	Convergys® Coag. Solvent
1100-2241	10 x 10 ml	Convergys® Coag. Solvent
1100-2245	10 x 10 ml	Convergys® PT Owren Buffer
1100-2247	10 x 5 ml	Convergys® CaCl ₂
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

