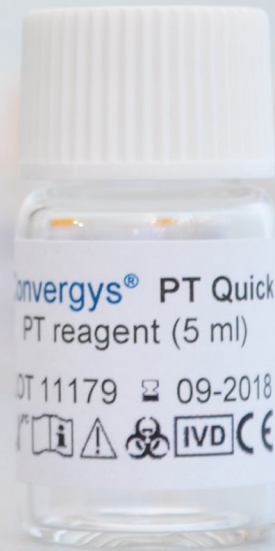


Convergys[®] PT Quick

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



Convergys[®] PT Quick

Convergys[®] PT Quick 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). The PT assay according to Quick is a sensitive screening test for the extrinsic coagulation pathway. It is used for presurgical screening and monitoring of oral anticoagulation therapy.

The most applied derived measure of the PT is the INR, the International Normalized Ratio. This standardized value is used to determine the right dosage of anticoagulation drugs for each individual patient.

$$\text{INR} = \left(\frac{\text{PT}_{(\text{test})}}{\text{PT}_{(\text{normal})}} \right)^{\text{ISI}}$$

Features

- **For accurate and precise INR determination**
- **Highly sensitive thromboplastin with ISI 0.9-1.2**
- **Low lot-to-lot variation**

Convergys® PT Quick

Convergys® PT Quick is a highly sensitive (ISI 0.9-1.2) rabbit brain extract containing thromboplastin and calcium ions for the determination of the Prothrombin Time (PT). It was calibrated against the WHO thromboplastin standard, RBT/05. Convergys® PT Quick shows low lot-to-lot variation and is a reliable reagent for the determination of PT.

PT Quick is the most widely used assay for monitoring anticoagulation therapy using VKAs (vitamin K antagonists), e.g. warfarin. In patients undergoing VKA treatment, the PT is prolonged due to the reduced activity of vitamin K

dependent clotting factors (II, VII, IX, X, Protein c, Protein S). This assay tests the integrity of the extrinsic (factor VII) and common pathways (factors II, V and X).

The result of the PT Quick assay is given in seconds. The most used derived measure is the INR, the International Normalized Ratio, which is used to standardize the test results of the PT assay. It represents the PT of the plasma tested, divided by the PT of normal control plasma, raised to the power of the International Sensitivity Index (ISI).

Specifications

Reference reagent for ISI determination:

WHO thromboplastin standard RBT/05

Sensitivity:

Factors I, II, V, VII, X
Vitamin K Antagonists

ISI value: 0.9-1.2

Stability and storage conditions

Shelf life: 18 months from the date of production

Reconstituted: 5 days at 2-8 °C

Ordering information

REF	Pack size	Article description
1100-2230	10 x 2 ml	Convergys® PT Quick
1100-2231	10 x 5 ml	Convergys® PT Quick
Controls and auxiliary reagents		
1100-2240	10 x 5 ml	Convergys® Coag. Solvent
1100-2241	10 x 10 ml	Convergys® Coag. Solvent
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

