

# ThromboPak

## Thromboplastin ( PT )

Prothrombin time is a screening test for coagulation. It is used to measure the activity of the factors of the extrinsic pathway such as II, V, VII, X and fibrinogen.

A prolonged PT has been observed in the following clinical situations

1. Congenital or acquired deficiencies of factors II, V, VII, and X.
2. Liver failure or hepatitis
3. Treatment with vit. K antagonists like warfarin or coumadin
4. Deficiency of vit. K
5. Fibrinolysis
6. DIC

## FEATURES OF THROMBOPLASTIN

- Liquid stable reagent - Ensures greater stability and avoids errors during reconstitution.
- Homogeneous colloidal suspension which prevents settling during incubation for more precise results.
- Unique manufacturing process prevents the formation of large particles and debris in the reagents, thereby, preventing optical disturbance.
- Tissue factor isolated & pooled from one single species of Rabbit. This yields optimal reproducible activation within extrinsic pathway.
- ISI assignment as per CLSI (Clinical & Laboratory Standards Institute) guidelines. ISI value of THROMBOPLASTIN is 1.05 which signifies high sensitivity of the kit.
- Successfully evaluated against various preparations like recombinant and placental preparations available internationally, for normal as well as abnormal samples, using both manual and automated methods.



Pack Size : 1 x 4mL

Product Code : AGD-CPT4



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## APTT

Activated partial thromboplastin time (APTT) is a general coagulation screening test for the factors XII, XI, IX, VIII, X, V, II and fibrinogen.

Mainly used for :

- preoperative screening
- Detection of deficiencies of factors XII, XI, IX, VIII.
- Monitoring of unfractionated heparin therapy

## FEATURES OF THROMBOPAK APTT REAGENT

- Liquid stable reagent- Ensures greater stability and avoids errors during reconstitution.
- Soluble activated Ellagic acid used as contact activator ensures shorter activation time and prevents rapid settling
- The minimal optical density of the reagent makes it ideal for optical detection methods.
- Manufactured using extract of Rabbit Brain Tissue Phospholipid and has extra sensitivity for heparin and lupus anticoagulants
- Successfully evaluated against various standards available internationally for normal as well as abnormal samples using both manual and automated methods.



Pack size : 2 x 4 ml  
Reagent 1 : 1 x 4ml  
Reagent 2 (Calcium chloride) : 1 x4 ml

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