PT with INR (Prothrombin Time) and aPTT (Activated Partial Thromboplastin Time)

Order Name: **PT/PTT**
Test Number: 1500425
Revision Date: 10/08/2024

TEST NAME	METHODOLOGY	LOINC CODE
Prothrombin Time	Clot Detection	5902-2
International Normalized Ratio (INR)	Clot Detection	6301-6
Activated Partial Thromboplastin Time (aPTT)	Clot Detection	3184-9

SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	**1.5 mL**	**Double Spun Plasma**	**Sterile, Capped Plastic Tube**	**Frozen**
Alternate 1	**2.7 mL**	**Whole Blood**	**Sodium Citrate 3.2% (Blue Top)**	**Room Temperature**

Instructions

Please indicate anticoagulant therapy.
Each 2.7mL Sodium Citrate 3.2% (Blue Top) tube must be filled to the proper level, no hemolysis. Improperly filled tubes can give erroneous results.
Whole blood must be transported to lab immediately.
If testing cannot be started within 4 hours of collection the specimen must be double spun then 1.5 mL plasma aliquot from each tube into individual plastic aliquot tubes and freeze.
Do not pool aliquots together!
Specimen Stability: Un-Frozen specimens are only good for 4 hours. If the patient is on Heparin, Un-Frozen specimens are only good 2hrs.

GENERAL INFORMATION

Testing Schedule	Mon-Fri - Both Shifts
Expected TAT	1 Day From Set Up
Clinical Use	**Prothrombin Time (PT) and INR** This test is often used to monitor warfarin (coumadin) effect. It may also be used to screen for hemostatic dysfunction involving the extrinsic system as a result of liver disease, vitamin K deficiency, factor deficiency or DIC. **Activated Partial Thromboplastin Time (aPTT)** This test is most commonly used to monitor heparin therapy. It is also prolonged with deficiencies of clotting factors of the intrinsic system and the common pathway. Presence of antifactor antibodies, and other inhibitors may also be detected with this test.
CPT Code(s)	85730, 85610
Service Provided By	labcorp Oklahoma, Inc.

Service provided by
Labcorp Oklahoma, Inc.
All Rights Reserved. © 2003 - 2025