

## Activated Partial Thromboplastin Time (aPTT)

Order Name: **PTT**  
Test Number: 1500050  
Revision Date: 10/08/2024

TEST NAME	METHODOLOGY	LOINC CODE
Activated Partial Thromboplastin Time (aPTT)	Clot Detection	3184-9

### SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	<b>2.7 mL</b>	<b>Whole Blood</b>	<b>Sodium Citrate 3.2% (Blue Top)</b>	<b>Room Temperature</b>
Alternate 1	<b>1.5 mL</b>	<b>Double Spun Plasma</b>	<b>Sterile, Capped Plastic Tube</b>	<b>Frozen</b>
Instructions	<p><b>Please indicate anticoagulant therapy.</b> 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. <b>Whole blood must be transported to lab immediately.</b> <b>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.</b> <b>Do not pool aliquots together!</b> <b>Specimen Stability:</b> Un-Frozen specimens are only good for 4 hours. If the patient is on Heparin, Un-Frozen specimens are only good 2hrs.</p>			

### GENERAL INFORMATION

Testing Schedule	Mon-Fri - Both Shifts
Expected TAT	1 Day
Clinical Use	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
Lab Section	Coagulation