



**Coagulation
PROTIME AND INR
General Information**

**PT
PT; Protime;
Prothrombin Time
and INR
PT reported in
seconds and INR**

**Lab Dept:
Test Name:**

**Lab Order Codes:
Synonyms:**

Test Includes:

Collection:

- A clean venipuncture is essential, avoid foaming.
- Entire sample must be collected with single collection, pooling of sample is unacceptable.
- Capillary collection is unacceptable.
- Patient's with a hematocrit level >55% must have a special tube made to adjust for the hematocrit; contact lab for a special tube.
- Mix thoroughly by gentle inversion. Deliver immediately to the laboratory at room temperature via courier or pneumatic tube.

Off campus collections: ● Must be tested within 24 hours. ● Do not refrigerate. ● If not received in our lab within 24 hours of collection, sample must be centrifuged and *platelet-poor plasma removed from cells and transferred to an aliquot tube. Freeze at -20°C and deliver to the lab on dry ice within 2 weeks. ***Validation of your lab's centrifuge for platelet poor plasma is required.**



Special Processing:

Lab staff: Centrifuge in Stat Spin for 5 minutes or 10 minutes at 3000 rpm at room temperature. For primary tube testing, leave plasma on cells OR remove plasma and place in a 4 mL plastic cup; allow for 100 uL of deadspace.

Test within: • Twenty-four (24) hours when stored as plasma remaining in the capped tube above the packed cells 18 to 24°C. • Four (4) hours as plasma that has been separated from cells by centrifugation when stored 2 to 8°C or 18 to 24°C. • Two (2) weeks when stored -20°C. • Six (6) months when stored -70°C (rapidly frozen). • Plasma must be frozen if testing cannot be completed within four (4) hours. • Frozen plasmas are thawed at 37°C for three (3) minutes, test immediately.

Normal range

All ages	Test
8.5 – 12.4 seconds	PT:
0.79 – 1.20	INR: