

INR

## Orderable - INR or INRPTT

Turn Around Time: 4 hours

STAT: 1 hour

### Alternate Name(s):

International Normalized Ratio  
PT  
Prothrombin Time

### Specimen:

Adult	Pediatric
2.7 mL Blue (3.2% Sodium Citrate) top Vacutainer	0 months-10 years: 1.8 or 1 mL Blue top (3.2% Sodium Citrate) tube

### Collection Information:

**Tubes must be filled until vacuum exhausts (until the fill line marked on tube).**  
Both INR and PTT can be performed on one Blue top tube.

#### **Sample Stability:**

**Patients not anticoagulated or on warfarin only - ideally, samples should be spun and tested within 4 hours of collection. In the case of an unavoidable delay, INR results ONLY may be reported up to 24 hours after collection.**

Set the centrifuge temperature to 19 °C.

Centrifuge at 3000 rpm for 10 minutes at 18 - 20 °C Also the samples should be put on to the instrument at 18 - 20 °C.

Do not use the cold block on the coagulation bench.

### Reference Ranges:

Age	Range
< 5 days:	0.9-1.6
5 days-Adult:	0.9-1.1



**Laboratory:**  
Core Lab



**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
Optical clot detection



**Test Schedule:**  
As required



INR

### Interpretive Comments:

Detects abnormalities in the extrinsic pathway. Increased in liver disease, Vitamin K deficiency, obstructive jaundice and hemorrhagic disease of the newborn.

### Comments:

**PT results will not be released on patients. For the INR based Maddrey Score please use the following link:**

[Maddrey Score](#).

**This score is based on ISI and PT control values. Please use current ISI of 1.1 and PT control of 11.7 seconds. These values will be updated when necessary.**

**Use MELD score as alternative.**

### Critical Information Required:

Anticoagulant therapy

### Storage and Shipment:

Blue (Sodium Citrate) top specimens are kept at 18-24 degrees Celsius.

Blue (Sodium Citrate) top specimens should be centrifuged and tested within 4 hours of specimen collection.

Samples are discarded after 24 hours.