

## Test update

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**Test name:** Prottime/INR  
**Test #:** 487  
**Notification date:** May 21, 2020  
**Effective date:** June 2, 2020

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### QUICK REFERENCE

On June 2, 2020, Allina Health Laboratory will be changing to a new lot of Prothrombin Time (487/85610.0) reagent which requires thorough validation testing to establish a new mean normal reference time. The new normal Prottime is used to calculate the International Normalized Ratio or INR for each new lot of thromboplastin. This process occurs approximately every 12 months when a new lot of reagent has been made available by the instrumentation reagent vendor.

### DETAILS

As we prepare for changing to a new Prottime reagent lot, Allina Health Laboratory's Coagulation Department undertakes a new "normal range" study using 25 specimens from persons known to be free of coagulation abnormalities and not on any current medications. These samples are run at every site, on each analyzer to give us a large volume dataset and a thorough representation of instrument comparability.

These normal Prottime results are compiled to establish a reference time for the INR calculation. They also provide data that can be used for a new normal reference range.

Current PT Reference range	11.8 – 14.2 sec
NEW PT Reference range	12.0 – 14.6 sec