

Test update

Test name: APTT
Test #: 490/85730.0
Notification date: June 30, 2020
Effective date: *June 30, 2020*

QUICK REFERENCE

Changing to a new lot of aPTT reagent requires thorough validation testing to establish new “Normal Reference” and “Therapeutic Heparin Response” ranges. 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 aPTT reagent lot Allina Health Laboratories 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.

Heparin responsiveness of the new lot of aPTT reagent is also assessed in more than 100 patients currently on heparin therapy which is correlated with anti-Xa chromogenic heparin levels. This correlation study is the basis for the new heparin aPTT therapeutic range.

The new lot will come into use **today, June 30th, 2020.**

	Previous	NEW
Normal reference range	26-35 sec	24-34 sec
Heparin therapeutic range	65-99 sec	74-104 sec