

APTT
490/85730.0

QUICK REFERENCE

On July 20, 2021, Allina Health Laboratory will be transitioning to a new lot of aPTT reagent, which 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 is made available by the instrumentation reagent vendor.

DETAILS

As we prepare for changing to a new aPTT reagent lot the Allina Health Laboratory 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.

	Current	NEW
Normal reference range	24 – 34 seconds	25 – 36 seconds
Heparin therapeutic range	74 – 104 seconds	76 – 99 seconds

QUESTIONS: Contact your Allina Health Laboratory account representative, or our Client Services department