

ALLINA HEALTH LABORATORY

To: Allina Health Laboratory outreach clients
From: Allina Health Laboratory outreach services
Date: February 28, 2024
Re: aPTT Test Change

Quick Reference

A new lot of aPTT reagent will be put into use in the Allina Health hospital laboratories. New “Normal Reference” and “Therapeutic Heparin Response” ranges have been established via validation studies within Allina Health Laboratories.

Details

aPTT - 490/85730.0

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.

New Ranges which became effective February 20, 2024:

	Current (seconds)	New (seconds)
Normal Reference Range	29 - 36	28 - 36
Heparin Therapeutic Range	57 - 100	57 - 87

QUESTIONS: Contact your Allina Health Laboratory account representative, or our Client Services department
Telephone: 612-863-4678 • 800-281-4379 Email: centrallabclientservices@allina.com
www.allinahealth.org/allinahealthlaboratory