

REFERENCE VALUE CHANGE

NOTIFICATION DATE: June 28, 2011 **EFFECTIVE DATE:** July 27, 2011

Heparin Anti-Xa Assay, Plasma #80609

EXPLANATION: Effective July 27, 2011, MML will change reference values for test #80609, Heparin Anti-Xa Assay, Plasma. This change will provide separate reference values for unfractionated heparin (UFH) and low molecular weight heparin (LMWH). No other changes will occur at this time.

NOTE: This change may impact test set-up information and could require a change to file definition. Please review the Test Set-Up information for specifics.

CURRENT REFERENCE VALUES:

Therapeutic range: 0.3-0.7 IU/mL for unfractionated heparin
The therapeutic range for low molecular weight heparins varies with the type and manufacturer, but is typically between 0.4 and 1.1 IU/mL.

NEW REFERENCE VALUES:

> or =18 years:

UFH therapeutic range: 0.30-0.70 IU/mL

LMWH therapeutic range:

0.50-1.00 IU/mL for twice daily dosing 1.00-2.00 IU/mL for once daily dosing (sample obtained 4-6 hours following subcutaneous injection)

> or =8 weeks-17 years:

UFH therapeutic range: 0.30-0.70 IU/mL

LMWH therapeutic range: 0.50-1.00 IU/mL (sample obtained 4-6 hours following subcutaneous injection) LMWH prophylactic range: 0.10-0.30 IU/mL

<8 weeks:

Reference values have not been established for patients who are less than 8 weeks of age.

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager Richard Einerson, Mayo Medical Laboratories' Technologist Support Telephone: 800-533-1710