RML
REGIONAL MEDICAL LABORATORY

MEMORANDUM

TO: Regional Medical Laboratory Clients

FROM: William F. Fitter, MD, Chief of Clinical Chemistry
Leah C. Nickell, MLT (ASCP), BSM, Manager of Clinical Chemistry

SUBJECT: **Human Growth Hormone**
Change in reference range and availability of crossover studies

DATE: August 19, 2011

Effective August 29, 2011, Regional Medical Laboratory will switch to a more precise and standardized method for the determination of Human Growth Hormone. All requests for Human Growth Hormone received after that date will be performed using the new methodology. While the new method shows excellent correlation with the method it replaces, results are slightly lower and are reflected in the new reference ranges. While this has little impact on patients undergoing a single test, for those patients who are being monitored with serial Growth Hormone studies, a new crossover study is recommended at no additional charge for one month.

New Reference Ranges:
Males: Less than or equal to 3 ng/ml
Females: Less than or equal to 8 ng/ml

Ordering information:
New test order name: GH R (20-22685)

For crossover studies order the following test only: GH REBASE (20-23375)
(Do not order both tests)

Specimen requirement:
4.0 ML FROZEN SERUM

NOTE:
PATIENT MUST BE FASTING 8 TO 10 HOURS & ON COMPLETE BEDREST AT LEAST 30 MINUTES PRIOR TO SPECIMEN COLLECTION

Questions or comments may be directed to Dr. William Fitter or Leah Nickell at 918-744-2553 or by E-mail at wfitter@sjmc.org

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