
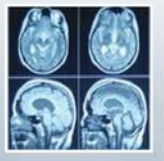


CLINICAL PRACTICE CHANGE

Change in Limit of Quantification of Methotrexate in Plasma
October 25, 2016

Date Effective: **December 1, 2016**

Background Information:

- The current methotrexate assay reagent has been discontinued by the manufacturer.

Change in or New Test Procedure:

- A new methotrexate assay has been evaluated. **The limit of quantification for the new assay is 0.1 micromole/L**. The limit of quantification on the old assay was 0.05 micromole/L.
- As a result of this change, the notation "less than 0.1 micromole/" will signify that the result for methotrexate analysis was below the limit of quantification.

Patient Impact:

- Methotrexate levels below 0.1 micromole/L cannot be quantified. This may create issues with current protocols which indicate to discontinue supportive clearance therapy when methotrexate clearance < 0.05 micromole/L
- Due to the limitations of the new methotrexate assay, alternative methodology for measuring methotrexate is being investigated.

More information: **https://apps.sbgh.mb.ca/labmanual/test/view?seedId=1333**

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