

Progesterone Assay – Cross Reactivity with DHEA-Sulfate Lab Bulletin for IVF Practices at Grosse Pointe, Royal Oak and Troy

Effective Date: January 09, 2017

We have been informed by Siemens Diagnostics that the progesterone assay used at the Beaumont Laboratory is subject to positive interference from DHEA-S (DHEA-Sulfate).

DHEA-S, a metabolite of DHEA that may be used as part of *in vitro* fertilization (IVF) protocols to improve ovarian response and IVF treatment outcomes, causes falsely elevated progesterone results on the platform currently used by the Chemistry Lab.

If progesterone testing is required on such a patient, please indicate on the order **Progesterone Quantitative by HPLC-MS/MS, serum-miscellaneous sendout to ARUP**. The sample will then be sent to ARUP Laboratories for testing by a different method that is not subject to this interference.

If you have questions, please contact Client Services (1-800-551-0488, option 5).

Internal URL to Laboratory Bulletins:

http://employee.beaumont.edu/portal/pls/portal/ip30dev.page_pkg.page?xid=lab_bulletins

External URL to Laboratory Bulletins:

<http://beaumontlaboratory.com/hospitals-laboratories-three/test-information-center/laboratory-bulletins/>

Laboratory Test Directory: <http://beaumontlaboratory.com/test-lab-directory>.

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