



UNC
HEALTH CARE

MEMORANDUM #136

TO: UNC Hospitals Attending Physicians, Housestaff, Department Heads, Nursing Staff and Supervisors

FROM: John Schmitz, Ph.D., Associate Director, *JS*
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SUBJECT: HE4 Testing

DATE: November 2, 2011

Effective November 4, 2011 the Clinical Immunology Laboratory will offer human epididymis protein 4 (HE4) testing. This testing was previously referred to Mayo Medical Laboratories.

This assay is used as an aid in monitoring recurrence or progressive disease in patients with epithelial ovarian cancer. Serial testing for HE4 should be used in conjunction with other clinical methods used for monitoring epithelial ovarian cancer. Values less than 70 pmol/L in healthy premenopausal and less than 140 pmol/L in healthy postmenopausal women are expected.

The HE4 test will be performed on the Abbott Architect system employing a chemiluminescent microparticle immunoassay. Serum samples are the only acceptable specimen for this testing. Testing will be performed 1 time a week on Wednesday.

In order to accommodate differences in quantitative values that may be encountered in subjects currently monitored with the Mayo assay, the first sample from all patients will be tested in house as well as by Mayo Laboratories to establish a relative baseline level with the Abbott HE4 test.

To order, browse for "HE4" in A2K/SMS.

Please contact the Immunology Laboratory at 966-4058 or Dr. John Schmitz at 966-8453 with any questions