<table>
<thead>
<tr>
<th>TEST</th>
<th>CHANGE</th>
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<tr>
<td>Anti Mullerian Hormone</td>
<td>Reference Range</td>
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<tr>
<td>Anti RNA Polymerase III</td>
<td>New</td>
</tr>
<tr>
<td>BRCA1 &amp; 2 Analysis</td>
<td>New</td>
</tr>
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<td>New</td>
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<td>CBC, Thalassemia Reflex Panel</td>
<td>Specimen Collection</td>
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<td>Creatinine Clearance, Urine</td>
<td>Specimen Transport</td>
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<tr>
<td>Epileptic Encephalopathy Panel</td>
<td>New</td>
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<td>Stability, Frequency</td>
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<tr>
<td>Hemoglobin, Quant (by HPLC)</td>
<td>Stability</td>
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<tr>
<td>Hemoglobin A2 Quantification by HPLC</td>
<td></td>
</tr>
<tr>
<td>Hemoglobin F Quantification by HPLC</td>
<td></td>
</tr>
<tr>
<td>Hemoglobin S Quantification by HPLC</td>
<td></td>
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<td>Replaces HIPA</td>
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<td>Influenza A &amp; B by PCR</td>
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<td>Note</td>
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<td>Megalencephaly Panel</td>
<td>New</td>
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<tr>
<td>PCA3 Assay, Urine</td>
<td>Price</td>
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**NOTICE:**

**PRINTED NEWS FLASH WILL BE DISCONTINUED JULY 2014**

The UW Laboratory of Medicine will be discontinuing printed test updates via News Flash in three months. The final print edition will be June 2014. To continue receiving test updates through our new email digital announcements, please send the following message to our communication group:

**Send email to:**
labfix@uw.edu OR by FAX to: 206-744-9416

**Subject:**
News Flash email recipient: (Your name here)

**In the body of your email please include:**
Contact Name:
Contact Title:
Contact Business Name:
Contact Email:
ANTIMULLERIAN HORMONE

Effective April 7, 2014, reference ranges updated to values shown below. Note patient results and reference ranges have been changed from reporting two decimal places to three decimal places.

Reference Range:

<table>
<thead>
<tr>
<th></th>
<th>UNITS: ng/mL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FEMALE</td>
</tr>
<tr>
<td>AGE</td>
<td>AGE</td>
</tr>
<tr>
<td>6 mos - 14 yrs</td>
<td>0.256-6.345</td>
</tr>
<tr>
<td>15-17 years</td>
<td>0.861-10.451</td>
</tr>
<tr>
<td>18-29 years</td>
<td>0.401-16.015</td>
</tr>
<tr>
<td>30-39 years</td>
<td>0.176-11.705</td>
</tr>
<tr>
<td>40-45 years</td>
<td>6.282 or less</td>
</tr>
<tr>
<td>46-50 years</td>
<td>0.064 or less</td>
</tr>
<tr>
<td>Post-menopausal</td>
<td>0.003 or less</td>
</tr>
</tbody>
</table>

Test Order Code: RAMHG

ANTI RNA POLYMERASE III

Specimen Collection: 3 mL blood in plain (red top) or SST tube. Centrifuge and separate serum; freeze serum at -20°C.

Specimen Transport: 1.0 mL (min 0.5 mL) serum; ship frozen.

Frequency: Weekly on Wednesdays.

Reference Range:

- Negative: <20
- Indeterminate: 20-39
- Moderate Positive: 40-80
- Strong Positive: >80

CPT: 83516
Price: $46.00
Test Order Code: ARNAP3

BRCA1 & 2 ANALYSIS

BRCA1 & BRCA2 testing is useful for the evaluation of patients who are suspected to have hereditary breast and ovarian cancer and performed using next-generation sequencing. For patients with a suspected hereditary cancer syndrome, including hereditary breast and ovarian cancer syndrome, see BROCA Cancer Risk Panel.

Specimen Collection: 10 mL whole blood in EDTA (lavender top) tube. Also acceptable: ACD (yellow top) tube.

Specimen Transport: Entire specimen (min 5.0 mL) whole blood. Ship at room temperature, overnight delivery. OK to hold up to 7 days before shipping if refrigerated.

Frequency: Results within 12 weeks, once specimen arrives in lab.

CPT: 81211
Price: $2,200.00
Test Order Code: BRCA12

BRCA1 & 2 ASHKENAZI JEWISH MUTATIONS

Specimen Collection: 10 mL whole blood in EDTA (lavender top) tube. Also acceptable: ACD (yellow top) tube.

Specimen Transport: Entire specimen (min 5.0 mL) whole blood. Ship at room temperature, overnight delivery. OK to hold up to 7 days before shipping if refrigerated.

Frequency: Results within 12 weeks, once specimen arrives in lab.

CPT: 81212
Price: $550.00
Test Order Code: BRCAAJ

CBC, THALASSEMIA REFLEX PANEL

Specimen Collection: Minimum volume 2.5 mL whole blood in EDTA (lavender top) tube.

Test Order Code: CTHLR

CREATININE CLEARANCE, URINE

Specimen Transport: 24 hr collection preferred; shorter timed collections (e.g., 12-, 8-, 6-, or 4-hr) accepted. A specimen with NO preservative is preferred; specimens preserved with acetic acid, boric acid or hydrochloric acid are acceptable.

Test Order Code: UCLEAR
**EPILEPTIC ENCEPHALOPATHY PANEL**

Specimen Collection: 10 mL whole blood in EDTA (lavender top) tube. Also acceptable: ACD (yellow top) tube.

Specimen Transport: Entire specimen (min 5.0 mL) whole blood. Ship at room temperature, overnight delivery. OK to hold up to 7 days before shipping if refrigerated.

Note: Epileptic Encephalopathy Panel is useful for the evaluation of patients with a suspected hereditary epilepsy syndrome. The panel uses next-generation sequencing to detect most mutations in ALDH7A1, ARX, CDKL5, CHD2, FOXG1, GABRA1, GABRG2, KCNQ2, KCNQ3, KCNT1, MECP2, MEF2C, PCDH19, PNKP, PNPO, PTEN, SCN1A, SCN2A, SCN8A, SLC2A1, SLC9A6, STXBP1, SYNGAP1, TCF4, and UBE3A. The assay completely sequences all exons of these genes AND detects large deletions, duplications and mosaicism. For patients with suspected megalencephaly or overgrowth syndrome, see Megalencephaly Panel.

Frequency: Results within 12 weeks, once specimen arrives in lab.

Reference Range: No mutations detected.

CPT: 81406, 81407, 81479

Price: $3,350.00

Test Order Code: EPIPX

**HEMOGLOBIN A1C (BY HPLC)**

Stability: Must be received in UW LabMed within 5 days of draw.

Frequency: Mon-Fri, except holidays. Specimens sent to lab are generally run next working day.

Test Order Code: A1C

**HEMOGLOBIN, QUANT (BY HPLC)**

The tests below have added Stability information: “Refrigerated, 5 days.”

<table>
<thead>
<tr>
<th>TEST:</th>
<th>TEST ORDER CODE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hemoglobin A2 Quantification by HPLC</td>
<td>HBA2</td>
</tr>
<tr>
<td>Hemoglobin F Quantification by HPLC</td>
<td>HBF</td>
</tr>
<tr>
<td>Hemoglobin S Quantification by HPLC</td>
<td>HBSQH</td>
</tr>
</tbody>
</table>

**HEPARIN INDUCED PLATELET ANTIBODY WITH OD**

Old Test Order Code: HIPA

New Test Order Code: HIPAB

**INFLUENZA A & B BY PCR**

Old CPT: 87631

New CPT: 87502, 87503x2

Test Order Code: FLURSV

**INSECTICIDE EXPOSURE PANEL**

Reference Range:
- Cholinesterase, RBC Ellman: 4.0 – 9.0 U/mL

Test Order Code: RIEPG

**KRAS MUTATIONS (DNA)**

Note: This test detects mutations in the KRAS gene at codons 12 and 13. Acquired KRAS mutations at codons 12 and 13 are associated with resistance to drugs that target the epidermal growth factor receptor (including cetuximab and panitumumab). If the G13D mutation is detected, this mutation will be specifically reported, because tumors with this mutation may be responsive to anti-EGFR therapy. Rare mutations that occur at codons 61, 117 and 146 are not tested by this assay.

Test Order Code: KRAS
MEGALENCHEPHALY PANEL

Specimen Collection: 10 mL whole blood in EDTA (lavender top) tube. Also acceptable: ACD (yellow top) tube.

Specimen Transport: Entire specimen (min 5.0 mL) whole blood. Ship at room temperature, overnight delivery. OK to hold up to 7 days before shipping if refrigerated.

Note: Megalencephaly Panel is useful for the evaluation of patients with a suspected megalencephaly syndrome. The panel uses next-generation sequencing to detect most mutations in AKT1, AKT3, PTEN, PIK3CA, PIK3R2. The assay completely sequences all exons of these genes AND detects large deletions, duplications and mosaicism. For patients with suspected hereditary epilepsy, see Epileptic Encephalopathy Panel.

Frequency: Results within 12 weeks, once specimen arrives in lab.

Reference Range: No mutations detected.

CPT: 81321, 81323, 81479x2

Price: $3,350.00

Test Order Code: MEGPX

PCA3 ASSAY, URINE

Old Price: $215.00

New Price: $415.00

Test Order Code: RPCA3G