The Special Chemistry/Toxicology section of the Department of Pathology and Laboratory Medicine will begin performing the Varicella-Zoster Antibody IgG test with the Wampole Laboratories ELISA II method on the Dynex DS2 analyzer on April 1, 2013. The testing moves from the Diamedix MAGO Plus ELISA method.

Sample Requirements
Collect: One 4-mL SST (gold top) or serum (red top) vacutainer tube

Specimen Preparation: None

Storage/Transport: Separate serum and transport at 2-8°C if sample will not reach laboratory within 8 hours.

Stability: Unspun samples and separated serum samples are stable at room temperature for up to 8 hours. Separated serum is stable at 2-8°C for up to 48 hours, or at -20°C for longer storage.

Unacceptable Conditions: Any sample type other than as stated above is unacceptable. In addition, grossly contaminated, hemolyzed, lipemic, and icteric specimens are unacceptable.

Reference Interval: No reference interval

Routine Testing: Performed on Mondays, Wednesdays, and Fridays on day shift

Interpretation of Results
Results for Varicella-Zoster Virus Ab IgG will be reported as follows:

<table>
<thead>
<tr>
<th>Result</th>
<th>Index Value</th>
<th>Interpretation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Negative</td>
<td>≤ 0.90</td>
<td>Indicates no detectable IgG antibodies to VZV. A non-reactive result indicates no current or previous infection with VZV. Such patients are presumed to be non-immune and are therefore susceptible to a primary infection.</td>
</tr>
<tr>
<td>Positive</td>
<td>≥ 1.10</td>
<td>A reactive test result indicates a past or current infection with VZV. A reactive result indicates that the patient in question should be considered immune to VZV primary infection. The results of this test system are qualitative. The magnitude of the index value for positive specimens may not correlate with antibody titer. If testing a particular sample occurs early during primary infection, no detectable IgG may be evident. If VZV infection is suspected, a second sample should be taken at least fourteen days later.</td>
</tr>
<tr>
<td>Equivocal</td>
<td>0.91-1.09</td>
<td>If clinically indicated, repeat collection and testing in 14 days.</td>
</tr>
</tbody>
</table>

If you have questions or need additional information please contact Laboratory Client Services at 734-7373 or email pathologyclientservices@ucdmc.ucdavis.edu.