MUMPS ANTIBODY, IGG

The Special Chemistry/Toxicology section of the Department of Pathology and Laboratory Medicine will begin performing the Mumps 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 Mumps 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>An Index Value ≤ 0.90 is negative for IgG antibody to Mumps. Patients presumed to be susceptible to primary infection. If early infection is suspected, obtain another specimen in 3-5 weeks and retest.</td>
</tr>
<tr>
<td>Positive</td>
<td>≥ 1.10</td>
<td>An Index Value ≥ 1.10 is positive for IgG antibody to Mumps. May indicate past or current infection or prior vaccination against Mumps virus.</td>
</tr>
<tr>
<td>Equivocal</td>
<td>0.91-1.09</td>
<td>If clinically indicated, repeat collection and testing in 10-14 days.</td>
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</tbody>
</table>

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