

ANNOUNCEMENT

Date: June 30, 2011

Dear Valued Clients:

Foundation Laboratory is pleased to announce that effective June 30, 2011; Mumps Antibody IgG will be performed in-house.

Mumps virus is a member of Paramyxoviridae family of viruses. The application of testing for Mumps IgG antibody is mostly for evaluation of immunity level in individuals for vaccination purposes or as a part of pre-employment evaluation of candidates for certain professions.

Widespread immunization of infants with attenuated mumps virus has changed the epidemiology of this viral infection. Since 1989, there has been a steady decline in reported mumps cases, with 265 cases each year since 2001. However, a recent outbreak of mumps in 2006 re-emphasized that the virus continues to persist in the population and laboratory testing may be needed in clinically compatible situations.

Positive presence of detectable IgG antibody indicates immunity; however, serum samples obtained during the acute phase of infection may be negative for IgG antibodies.

Studies have shown that post mumps-measles-rubella vaccination samples in children shows lower IgG antibody levels in children with type 1 diabetes than non-diabetic children. This difference was most pronounced in males as male patients had significantly lower IgG mumps antibody levels than female patients.

Specimen Requirements:

- Specimen requirements serum (SST)
- Separated Serum specimen need to be shipped refrigerated
- Rejection criteria: Hemolysis

Turn Around Time:

- 4 days

For supplies and other needs please contact your Foundation Laboratory representative.

Sincerely,

Reza M. Massoumi, Ph.D.
Laboratory Manager