

# MUMPS

**REPORTABLE WITHIN 24 HOURS OF DIAGNOSIS: Any suspected case should be reported to the patient's local health department and by the Health Officer to the New Jersey Department of Health and Senior Services.**

## **1999 (CSTE) Clinical Case Definition**

An illness with acute onset of unilateral or bilateral tender, self-limited swelling of the parotid or other salivary gland, lasting **2 or more days**, and without other apparent cause.

## **Laboratory criteria for diagnosis**

- Isolation of mumps virus from clinical specimen, or
- Detection of viral antigen by reverse transcription polymerase chain reaction (RT-PCR), or
- Positive serologic test for mumps immunoglobulin M (IgM) antibody, or
- Significant rise between acute and convalescent-phase titers in serum mumps immunoglobulin G (IgG) antibody level by any standard serologic assay.

## **Case classification**

**Probable:** A case that meets the clinical case definition, has noncontributory or no serologic or virologic testing, and is not epidemiologically linked to a confirmed or probable case.

**Confirmed:** A case that is laboratory confirmed or that meets the clinical case definition and is epidemiologically linked to a confirmed or probable case. A laboratory-confirmed case does not need to meet the clinical case definition.

**Comment:** False-positive IgM results by immunofluorescent antibody assays have been reported.