



# Suspect MUMPS?

*Wait!* This patient might not need to be tested if they are linked to another mumps patient or outbreak. Refer to outbreak guidance from Pennsylvania Department of Health or your local health department.

Does patient have parotitis or other salivary gland swelling?

**YES**

Has it been  $\leq 3$  days since symptom onset?

**YES**

Collect a buccal specimen for RT-qPCR



**NO**

Collect a buccal specimen for RT-qPCR and serum specimen for IgM



**YES**

Collect a buccal and urine specimen for RT-qPCR and serum specimen for IgM



**NO**

Does the patient have:  
• orchitis/oophoritis,  
• mastitis,  
• pancreatitis,  
• hearing loss,  
• meningitis, or  
• encephalitis?

**NO**

Is patient part of a group at increased risk for mumps as defined by public health authorities?

Contact the Pennsylvania Department of Health (1-877-724-3258) or your local health department to discuss testing at the Pennsylvania Bureau of Laboratories. Serologic testing is available at commercial laboratories. Onset date is needed for serology testing.

**YES**

Give third dose of MMR

**NO**

Make sure patient is up to date on MMR and educate on signs and symptoms



U.S. Department of Health and Human Services  
Centers for Disease Control and Prevention