

Illustration of Parotid Gland and Instructions for Collection of Buccal Fluid

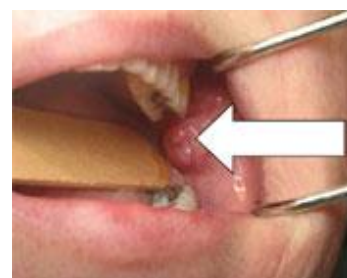
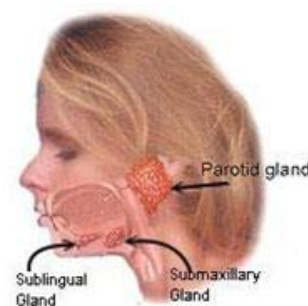
Preferred specimen:

Parotid gland duct swab for viral culture collected (UVT) within 9 days of onset of symptoms.

Collection of a mumps specimen for viral and PCR testing:

1. Massage the parotid (salivary) glands for 30 seconds.
2. Swab the buccal cavity (photo on right), which is the space near the upper rear molars between the cheek and the teeth. Swab the area between the cheek and gum by sweeping the swab near the upper molar to the lower molar area.

Illustration of Parotid Gland



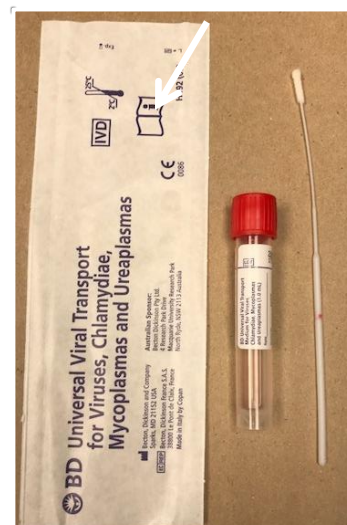
Specimen Preparation: (UVT collection kit)

1. Swabs (arrow in diagram) should be placed in 2 ml of standard viral transport medium (UVT).
2. Allow the swab to remain in UVT for at least 1 hour (4°C).
3. Ream the swab around the rim of the tube to retain cells and fluid in the tube.
4. The Dacron swab can be broken off and left in the tube or discarded.

Storage and Shipment:

- Following collection, samples should be maintained at 4°C and shipped on cold packs (4°C) within 24 hours.
- If there is a delay in shipment, the sample is best preserved by freezing at -70°C.
- Frozen samples should be shipped on dry ice.

Collection Kit # 75681



Contact the Logan Health Medical Laboratory with questions or concerns, 752-1737 or x2396