



## ARIZONA DEPARTMENT OF HEALTH SERVICES

### Measles Testing at the Arizona State Public Health Laboratory

If you have a suspected case of measles at your facility **IMMEDIATELY** consult with your [county health department](#).

Arizona State Public Health Laboratory (ASPHL) testing capability:

- PCR
- Culture
- IgM Serology (currently unavailable at ASPHL)
  - Please consider sending to commercial labs for timely serological results for clinical management

**\*\*\*Your county health department MUST be notified of any specimens prior to submission to ASPHL\*\*\***

#### **Collection:**

The following specimens can be sent to ASPHL for measles testing:

- OP (throat) or NP swab (**polyester or synthetic only**)
  - **calcium alginate and cotton swabs will be rejected**
- Urine
- Serum
  - Need for IgM will be decided case by case

Any of the following transport media can be used:

- Hanks
- Viral Transport Media
- Universal Transport Media
- Sterile Saline

#### **Storage:**

- Swab
  - Store at 4° C
    - If swab will not be tested within 72 hours, store at -70° C
- Urine
  - Store at 4° C

#### **Transport:**

An ASPHL [submission form](#) must be filled out for all specimens that are sent to ASPHL

- Transport on wet ice or cool packs

#### **Turnaround Time:**

- PCR 1 – 5 days
- Culture 7 – 14 days
- Serology (currently unavailable at ASPHL – case by case sent to CDC)

#### **Resources:**

County Contact Information: <http://www.azdhs.gov/preparedness/epidemiology-disease-control/index.php#resources-county>

ASPHL Submission Form: <http://www.azdhs.gov/documents/preparedness/state-laboratory/public-health-microbiology/clinical-microbiology-submission-form.pdf>

ASPHL Shipping and Receiving: <http://www.azdhs.gov/preparedness/state-laboratory/index.php#shipping-receiving>

ASPHL Guide to Laboratory Services: <http://www.azdhs.gov/documents/preparedness/state-laboratory/public-health-microbiology/lab-guide.pdf>

ASPHL Courier Schedule: <http://www.azdhs.gov/documents/preparedness/state-laboratory/lcip/courier-schedule.pdf>

ASPHL Courier FAQ: <http://www.azdhs.gov/documents/preparedness/state-laboratory/courier-service-faqs.pdf>