

²Ordering measles testing:

- 1) Order "test Measles (Rubeola), PCR, Swab Ref Lab [LAB61392]"

- Throat swab preferred. Place the swab in universal transport media (UTM, purple top with pink medium). Contact Lab if UTM is not available in your department.

- 2) Regardless of where the specimen is sent, complete the ADPH consultation form for case tracking purposes. (ADPH form [linked here](#) and in the Measles PCR lab order)



Children's
of Alabama®

UAB MEDICINE

Order measles testing²

Clinical Suspicion for Measles¹

Yes

Testing obtained?

No

Yes

1. Infection Precautions:

- Only staff with measles immunity to provide care with airborne precautions (N95)
- Negative pressure room
- Contact Infection Prevention (8-2310 or via Smartweb after hours)
- Family to remain in patient room, social work consult

2. Infectious Disease consult

Refer exposed contacts to ADPH

*Contagious period: 4-5 days prior through at least 4 days after rash started.

Vaccination:

- 2 MMR vaccines? Presumed immune, no further vaccines
- 1 MMR vaccine? Give 2nd MMR vaccine (if ≥ 28 days from first dose)
- No MMR vaccine? Give MMR vaccine (if ≥ 6 months of age)

*Best effect within 72 hours of exposure.

Initiate Vitamin A treatment (sublingual/dissolvable tablets orally daily for 2 days):

- 50,000 IU (5 tabs) for infants <6 months
- 100,000 IU (10 tabs) for infants 6-11 months
- 200,000 IU (20 tabs) for children ≥ 12 months

Infection Control:

- Do not use room with suspected/confirmed measles patient for 2 hours afterwards.

The following recommendations are for immunocompetent patients:

- <6 months: IV IG 400mg/kg/dose IV once
- 6-11 months: Exposure within 72 hours - MMR vaccine. If exposure >72 hours but less than 6 days - IV IG 400mg/kg/dose IV once
- ≥ 12 months: MMR vaccine (see vaccination notes)

For immunosuppressed patients³:

- For exposure within 6 days - IV IG 400mg/kg/dose IV once (regardless of age)
- No MMR vaccine

Inpatient Measles Pathway

¹Considerations for Measles:

- A) Fevers (typically $\geq 101^{\circ}\text{F}$)
*Fever typically precedes other symptoms
- B) 3 C's:
 - Cough
 - Coryza (runny nose)
 - Conjunctivitis
- C) Maculopapular Rash:
 - Rash typically starts 2-4 days after the 3 C's
 - Starts on head or face and spreads downward
- D) Unimmunized, underimmunized, or unknown immune status
- E) Exposure to a known measles case
- F) Travel, visit to health care facility, or other known high-risk exposure in past 21 days

³Immunosuppressed:

- Severe primary immunodeficiency
- Received hematopoietic cell or solid organ transplant
- <12 months after finishing immunosuppressive treatment or longer if had graft-versus-host disease
- Undergoing treatment for ALL
- ≤ 6 months after completing chemotherapy
- HIV infection and severe immunosuppression
- Patient <12 months whose birthing parent received biologic response modifiers during pregnancy