

Evaluating a patient presenting with a fever and rash¹

START HERE

Needs ALL 3:

- Fever²
- Generalized, maculopapular rash
- No vesicular lesions / vesicles³

Yes

Epidemiologic risk for measles in the 21 days before rash?
ANY of the following:

- International travel in the last 21 days.
- Domestic travel in the last 21 days to an area with known measles transmission.
- Known exposure to measles.

Yes

Suspect measles.
Immediately contact [local health department](#) or IDPH to discuss testing options.
See Laboratory Testing Recommendations.

No

Measles unlikely. If vesicular rash, consider varicella or alternative cause of rash.
If measles still suspected, contact local health department for guidance.

No

Measles clinical criteria?⁴

- Fever² and rash
- AND
- Cough, runny nose, OR conjunctivitis

Yes

Received MMR vaccine in the last 21 days?

Yes

Measles unlikely.
If measles still suspected, contact local health department for guidance.

Likely a reaction to MMR vaccination.⁵

No

Prior measles vaccination?

- Age ≤6 years: 1 dose MMR*
- Age >6 years: 2+ doses MMR

No

Yes

Measles is uncommon among people with age-appropriate vaccination. Measles can occur among vaccinated people, but generally during intense exposure (e.g., day care or household exposure).

If measles is suspected based on clinical presentation or severity of illness, contact the [local health department](#) for guidance.

*or other measles-containing vaccine

Contact your [local health department](#) to report all suspect cases of measles and to discuss testing options. IDPH may also be reached at 217-782-2016 or after-hours for emergencies at 217-782-7860.