Should I test for measles?

No

Does the patient have a fever and rash?

Yes

Was the patient born before 1957 or have documented history of measles-containing vaccine?

No, to both

Measles unlikely. Do not test.

Yes, to either

In the 21 days prior to symptom onset, did the patient have increased risk for measles exposure?*

No

Measles unlikely. Do not test.

Yes

Is there an alternate explanation for the rash? (antibiotics, strep, mono)

No

Has patient been symptomatic for >10 days

No

Measles unlikely, but out of an abundance of caution, may choose to call.

Yes

Has patient been symptomatic for >10 days

Yes

Measles unlikely, but out of an abundance of caution, may choose to call.

No

Yes

Has patient been symptomatic for >10 days

Yes

Measles unlikely, but out of an abundance of caution, may choose to call.

No

Measles unlikely. Do not test.

In the 21 days prior to symptom onset, did the patient have increased risk for measles exposure?*

Yes

Isolate Call Collect

No

Isolate Call Collect

* Increased risk for measles exposure includes:
  - Known exposure to infected person
  - International travel
  - Contact with international travelers, including airports
  - Travel to outbreak location (www.cdc.gov/measles/cases-outbreaks.html)
  - Contact with travelers from outbreak location

Measles unlikely, but out of an abundance of caution, may choose to call.

Isolate the patient according to airborne precautions.

Call the North Dakota Department of Health Division of Disease Control (available 24 hours a day) 701-328-2378

Collect specimens for laboratory testing. (NP or throat swab for PCR and blood for serology)