



Measles Testing Guidance

If you suspect measles, place the patient on Airborne Isolation and call <u>UCSF Infection Control</u> immediately.

Measles polymerase chain reaction (PCR) from the throat/nasopharynx and urine is the preferred testing method for acute cases of measles and is performed in public health laboratories.

After calling UCSF Infection Control, to get approval for testing, call SF Department of Health (628) 217-6100 including after hours, by contacting the on-call physician.

Measles Test	Testing Indication	Order	Test Code	Test Specifications
Throat/nasopharynx PCR and	Acute measles testing	Inpatient/ED Use the order panel 'IP Measles (Rubeola) Profile-Suspect Cases'		o position in the same of the
Urine PCR		Outpatient Use the order panel 'UCSF Amb Measles (Rubeola) Profile- Suspect Cases'	P319	Refer to the <u>lab</u> <u>manual</u>
IgM*	Acute measles testing*	These order panels include the NP OR throat AND urine test and serum measles IgM	P319	Refer to the <u>lab</u> manual
IgG	Assess prior immunity/vaccine response. Do not send to assess for acute measles infection.	Measles IgG (serum) Lab	MEAI	Refer to the <u>lab</u> manual

^{*} A serum measles IgM is not the preferred method of testing for acute cases of measles but may also be recommended depending on timing of presentation.

Additional UCSF measles resources are located here.