



**COUNTY OF SAN LUIS OBISPO
PUBLIC HEALTH DEPARTMENT**

Phone (805) 781-5500 Fax: (805) 781-5543
www.sloPublicHealth.org/lab

For the most accurate and timely test results, REFER the following specimens to the County of San Luis Obispo Public Health Laboratory:

*Testing performed by County of **San Luis Obispo Public Health Laboratory (BOLD)**,

Clinical assessment of illness	Specimen(s) to collect	Test Order	Results available (after receipt of specimen at Laboratory)
<i>Vaccine Preventable Diseases</i>			
Measles	Nasopharyngeal or throat swab in viral transport medium	Measles PCR	5-6 hrs
Mumps	Buccal swab in viral transport medium	Mumps PCR	1-2 days
Rubella	Nasal/throat swab in viral transport medium; serum and urine	Rubella PCR	1-2 days
Varicella	Lesion swab in viral transport medium	Varicella PCR	5-6 hrs
<i>Tuberculosis-Respiratory</i>			
Tuberculosis	sputum	MTB amplification, TB culture & smear	3-4 hrs for TB amp & smear
Coccidioidomycosis	Fungal isolate	Coccidioides probe	1 day
Unknown respiratory illness	Nasopharyngeal swab in viral transport medium or nasal wash	Respiratory PCR panel (RP-17 agents)	2hrs
<i>Gastrointestinal</i>			
Chronic or acute GI illness	Stool in Cary-Blair transport medium	Gastro PCR Panel (GP-23 agents)	2hrs
<i>Neurologic</i>			
Bacterial meningitis	CSF culture isolates	Confirmation of N. meningitis, S. pneumoniae, or H. influenzae	3-7days

Viral meningitis/encephalitis	CSF frozen 2-3 mL	Viral meningitis PCR	3-7days
<i>Exotic infections</i>			
Anthrax	Blood culture isolate, skin lesion swab	Anthrax PCR	5-6 hrs
Brucellosis	Blood culture isolate, skin lesion swab	Brucella PCR	5-6 hrs
Ebola virus	Do not collect specimen- Call public health department 781-5500		
Hantavirus	Respiratory specimens in viral transport medium	Hantavirus PCR	1-2days
Melioidosis or Glanders	Blood culture isolate, respiratory or skin lesion specimens	Burkholderia PCR	5-6 hrs
Plague	Blood culture isolate, respiratory specimens	Plague PCR	5-6 hrs
Pox virus infection	Skin lesion specimen in dry sterile tube	Pox virus PCR	5-6 hrs
Rabies	Call public health department 781-5500		
Rocky Mtn Spotted Fever (anaplasmosis, ehrlichiosis)	Swab of lesion in dry sterile tube Acute/convalescent serums	RMSF PCR	1-2 days
SARS, MERS corona viruses	Sputum, Trach asp or BAL; Nasopharyngeal swab in viral transport medium, serum	SARS/MERS corona virus PCR	1-2 days
Tularemia	Blood culture isolate, respiratory or skin lesion specimens	Tularemia PCR	5-6 hrs
Zika virus	Urine and serum	Zika virus PCR	PCR:5-7days Serology: 2-4 wks

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Unbolded tests are performed at the state public health laboratory.

If submission of specimens is requested by Public Health Officials, there is no fee.

Specimen collection and transport instructions are available as agent-specific protocols on the County of San Luis Obispo Public Health Laboratory website: www.sloPublicHealth.org/Lab