CITY AND COUNTY OF SAN FRANCISCO
PUBLIC HEALTH LABORATORY
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Test Order

Lymphogranuloma venereum (LGV) Real-time PCR

Synonym(s)	LGV PCR
Methodology	Real-time polymerase chain reaction (PCR)
Acceptable Specimen Type(s) for Testing	Rectal and genital swabs.
Transport / Collection Medium	**Universal (or viral) transport medium (UTM or VTM):** urethral, rectal and vaginal specimens. If Chlamydia testing was not performed prior to submission please submit an Aptima or Alinity m swab from the same specimen source as the UTM/VTM swab. **Aptima® Unisex Swab Specimen Collection Kit** (catalog # 301041): Urethral specimens only **Aptima® Multitest Swab Specimen Collection Kit** (catalog # PRD-03546): for rectal and vaginal specimens. **Alinity m multi-collect specimen collection kit:** rectal and vaginal specimens. If either Aptima® Unisex or Multitest, Alinity multi-collect Collection kit or UTM/VTM is submitted: Please indicate whether Chlamydia NAAT screening has already been performed on specimen and date of detection. If requesting CT screening in addition to LGV PCR, please indicate both tests on requisition.
Storage and Preservation of Specimen	**UTM or VTM:** Store at 2- 8^{0}C for up to 72 h; otherwise freeze at or below -30^{0}C. **APTIMA collection kits:** Store at room temperature for up to 60 days. **Alinity m Multi-collect kits:** specimens: Store at 2-30°C for 14 days and at -25°C to -15°C for longer storage. (Avoid more than 4 freeze though cycles).
Minimum Volume Required	2 mL Aptima Collection kits 500µl Alinity m Multi-collect collection kits.
Additional Collection Instructions	
Additional Required Information	Collection date required. Date of Chlamydia-positive detection
Send Out?	No
Turnaround Time	7 business days from receipt
Testing Restrictions	**The LGV PCR test will only be performed if the NAAT CT result is positive and the LGV PCR specimen is the same specimen or was collected on the same day as the NAAT collection.** If it is requested that SFDPH Laboratory perform NAAT testing for Chlamydia diagnosis or to confirm Chlamydia infection, submit requisition with appropriate tests indicated.
Requisition Form(s)	https://www.sfcdcp.org/wp-content/uploads/2021/11/DPH-Lab-General-Lab-Requisition-Fillable-SFDPH-FINAL-11.23.2021.pdf
Limitations / Notes / Disclaimers	This PCR assay was developed and its performance characteristics were determined by the San Francisco Public Health Laboratory. It has not been cleared or approved by the U.S. Food and Drug Administration