

**Public Health Clinical Services
3420 Chanate Road
Santa Rosa, CA 95405**

Testing Instructions for Lymphogranuloma venereum (LGV)

1/5/05

Testing should be done to confirm diagnosis and not as a screening tool. If there is significant history and findings, two tests are available for the diagnosis of suspected *C. trachomatis* LGV:

- 1) Serologic tests:
 - a) Microimmunofluorescence (MIF) is processed at the UCSF Chlamydia lab is the more commonly used test.
To obtain this test, 2ccs of **serum** (from 4cc of whole blood) should be pipetted from a plain red-topped tube into a plastic transport tube, and transported to the Public Health Laboratory.
 - b) Complement fixation (CF) is not run at the UCSF Chlamydia lab. If your lab runs this test it may be considered as an alternative to MIF.
- 2) Microbiologic tests: either
 - a) Nucleic Acid Amplification Test (NAAT) on rectal specimens (anoscopy-directed specimens from ulcerative lesions are preferred over blind swabs) or on specimens from bubo aspirates or ulcerative lesions in the presence of inguinal lymphadenopathy.
Swab specimens may be collected using a standard kit for DNA hybridization (Gen-Probe®) or DNA amplification (BDProbeTec™, Gen-Probe® APTIMA®, Roche Amplicor™) test, using the swab and associated medium supplied with the kit. If these test kits are not available, collect specimen using a dry sterile swab and place it into a transport tube that does not contain fluid or jelled medium, and forward to the Public Health Laboratory.
 - b) Chlamydia tissue culture

All tests must include identifying information, and the clinical history. **MIF and NAAT** specimens may be sent to the Public Health Laboratory to be forwarded to the UCSF Chlamydia Lab.

Public Health Laboratory
3313 Chanate Road,
Santa Rosa, Ca, 95404
(707) 565-4711

Tissue cultures should be sent to: University of California Chlamydia Laboratory
Box 0842, Building 30, Room 416, 1001 Potrero Avenue
University of California, San Francisco
San Francisco, CA 94143
Phone: (415) 476-2370
FAX: (415) 821-8945

Contact UC Lab for instructions on tissue collection and transport.

If you have questions, please Barbara Branagan, RN NP at (707) 565-4825 or Jim Stafford, PA, at (707) 565-5162; or Dr. Chris Hall at (510) 625-6006 or chall@dhs.ca.gov.