

A PCR method for the detection of *Chlamydia trachomatis*

Salient features of the technology

- The technology provides a kit for detecting the specific serovars of *Chlamydia trachomatis*.
- The technology provides novel *Chlamydia trachomatis* serovar specific monoclonal antibodies and a process of preparing the same.
- It relates to a process of PCR for the detection of *Chlamydia trachomatis*.
- The PCR method is simple and cost-effective as PCR reagents have increased shelf life.
- It could be used both in diagnostic and research for screening sexually transmitted *Chlamydia trachomatis* infection in women.
- It has better applicability for use in non-invasive sample such as urine of both male and female.
- Third party validation has been done and prototype kit is ready.
- It is developed by an ICMR institute, the National Institute for Research in Reproductive Health, Mumbai.
- Patent has been filed in India.



Fig. Prototype Kit for detecting specific serovars of *Chlamydia trachomatis*