

## Monoclonal antibody for *Chlamydia trachomatis*

### Salient features of the technology:

- This technology has developed Serovar specific monoclonal antibody for diagnosis of *C. trachomatis* infections.
- To know the prevalent serovar of *C. trachomatis* in female genital tract, genotyping was done using PCR followed by restriction fragment length polymorphism (PCR-RFLP).
- A serovar D specific monoclonal antibody has been developed using hybridoma technology from Indian patient's isolates.
- Anti-Chlamydial clone has been developed for detection of *C. trachomatis* infections.
- An Indian patent has been granted.
- This technology has been developed by National Institute of pathology (NIOP) (an ICMR institute).