

Recombinant Chlamidia Trachomatis HSP70 Protein (aa 549-660)

Catalog No.	CSI15689A	Quantity:	100 µg
	CSI15689B		0.5 mg
	CSI15689C		1.0 mg

Description: Chlamydia is a common term for infection with any bacterium belonging to the phylum Chlamydiae. This term derives from the name of the bacterial genus Chlamydia in the family Chlamydiaceae, order Chlamydiales, class and phylum Chlamydiae. There are two genera in Chlamydiaceae: Chlamydia and Chlamydomphila. The genus Chlamydia includes three species: *C. trachomatis*, *C. muridarum*, and *C. suis*. The *E. coli* derived recombinant protein contains Chlamydia Trachomatis HSP70 protein epitopes, 549-660 amino acids.

Source: *E. coli*

Formulation: 50 mM Tris-HCl + pH 8.0 + 60 mM NaCl + 8 M Urea and 50% glycerol.

Purity: Chlamydia HSP70 protein is >95% pure as determined by 10% PAGE (coomassie staining) and RP-HPLC.

Purity Method: Chlamydia HSP70 protein was purified by proprietary chromatographic technique.

Specificity: Immunoreactive with sera of Chlamydia Trachomatis infected individuals.

Applications: Chlamydia HSP70 protein is suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage & Stability: Chlamydia HSP70 protein although stable at 4°C for 1 week, should be stored below -18°C.
Please prevent freeze thaw cycles.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

