

## Chlamydia HSP70 (549-660a.a.)

**Description:** The E.coli derived recombinant protein contains Chlamydia Trachomatis HSP70 protein epitopes, 549-660 amino acids.

**Catalog #:** CTPS-016

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

For research use only.

**Purification Method:**

Chlamydia HSP70 protein was purified by proprietary chromatographic technique.

**Specificity:**

Immunoreactive with sera of Chlamydia Trachomatis infected individuals.

**Formulation:**

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

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**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.

**Introduction:**

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 Chlamydophila. The genus Chlamydia includes three species: C. trachomatis, C. muridarum, and C. suis.

**Storage:**

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

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