

## Chlamydia W5

**Description:** The E.coli derived recombinant 6x His fusion at C-terminus protein contains Chlamydia Trachomatis MOMP protein epitopes, 252-354 amino acids, and a 6xHis Tag fused at C-terminus.

Catalog #:CTPS-010

For research use only.

**Purity:** Protein is >90% pure as determined by SDS- PAGE.

**Purification Method:**

Chlamydia W5 protein was purified by proprietary chromatographic technique.

**Specificity:**

Immunoreactive with sera of Chlamydia Trachomatis infected individuals.

**Formulation:**

20mM Tris-HCl, pH 7.2, 1.5M urea and 50% glycerol.

**Stability:**

Chlamydia W5 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

**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 W5 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.

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