



Product Datasheet

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| Product Name | Recombinant Chlamydia Trachomatis W5 |
| Cata No | CB500082 |
| Source | <i>E.coli</i> |
| Synonyms | |

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

The *E.coli* derived recombinant 6x His fusion at C-terminus protein contains Chlamydia Trachomatis MOMP protein epitopes, 252-354 amino acids.

Purity

Chlamydia W5 protein is >95% pure as determined by 10% PAGE (Coomassie staining) and RP-HPLC.

Formulation

10mM Tris-HCl, pH 6.0, 100mM Sodium Phosphate and 8M urea.

Stability

Five years frozen. One month in solution at room temperature.

Application

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.