



Product Data Sheet

Cat # RP-1050

Recombinant Chlamydia Trachomatis W2

**Size:** 100 ug

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*. Immunoreactive with sera of Chlamydia Trachomatis infected individuals.

**Usage:**

This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals

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**Source:** The E.coli derived recombinant 6xHis fusion at C-terminus protein contains Chlamydia Trachomatis MOMP protein epitopes, 191-286 amino acids. 10mM Tris-HCl, pH 6.0, 100mM Sodium Phosphate and 8M urea.

**Applications and Suggested Dilutions:** Protein is >95% pure as determined by 10% PAGE (coomassie staining) and RP-HPLC. Purified by proprietary chromatographic technique. 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. Users must optimize the appropriate concentration and conditions for each assay.

**Storage and Stability:** Protein is shipped at ambient temperature. Upon arrival, Store at -20°C. Five years frozen. One month in solution at room temperature. If supplied in powder then reconstitute it in 100 ul water for 1 mg/ml stock and store in liquid at 4°C for ~1 week or aliquots in suitable size and store at -20°C for long term storage.