



Anti-*C. trachomatis* MOMP Polyclonal antibody (DPAB0178)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Major Outer Membrane Protein (MOMP). Uninfected Cell Reactivity is negative against HEp-2 cells and egg yolk sac. Does not react with <i>C. psittacii</i> or <i>C. pneumoniae</i> in MIF.
Target	<i>C. trachomatis</i> MOMP
Immunogen	Purified MOMP from strain L2
Source/Host	Goat
Species Reactivity	<i>C. trachomatis</i>
Purification	IgG fraction covalently coupled to highly purified preparation of horseradish peroxidase (RZ3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is absent. Estimated molar HRP:IgG substitution is 2-3.
Conjugate	Unconjugated
Applications	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.
Format	HRP, Liquid
Concentration	1-2 mg/ml (OD280nm, E0.1% = 1.4)
Size	1 ml
Buffer	PBS containing 10mg/ml BSA
Preservative	None

Storage

Short-term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction

Chlamydia trachomatis, an obligate intracellular human pathogen, is one of three bacterial species in the genus *Chlamydia*. *C. trachomatis* is a Gram-negative bacteria, therefore its cell wall components retain the counter-stain safranin and appear pink under a light microscope. Identified in 1907, *C. trachomatis* was the first chlamydial agent discovered in humans.

Keywords

Major Outer Membrane Protein; MOMP; omp1; omp1F; Omp1L1; ompA; ompL2; Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia; Chlamydia trachomatis; Rickettsia trachomae; Chlamydozoon trachomatis; *C. trachomatis* MOMP; Chlamydia trachomatis MOMP
