

## Chlamydia trachomatis PGP-3D - Purified

<b>Catalog No.:</b>	AR10489PU-S
<b>Quantity:</b>	0.1 mg
<b>Background:</b>	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 <i>Chlamydia</i> in the family Chlamydiaceae, order Chlamydiales, class and phylum Chlamydiae. There are two genera in Chlamydiaceae: <i>Chlamydia</i> and <i>Chlamydophila</i> . The genus <i>Chlamydia</i> includes three species: <i>C. trachomatis</i> , <i>C. muridarum</i> , and <i>C. suis</i> .
<b>Source:</b>	<i>E. coli</i>
<b>Format:</b>	<b>Purity:</b> >95% pure as determined by 10% PAGE (coomassie staining) and RP-HPLC. <b>Purification Method:</b> Chlamydia PGP-3D protein was purified by proprietary chromatographic technique. <b>Buffer System:</b> 50mM Tris-HCl, pH 8.0, 60mM NaCl, 8M Urea and 50% Glycerol
<b>Applications:</b>	Chlamydia PGP-3D protein is suitable for use in ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Description:</b>	The <i>E. coli</i> derived recombinant protein contains Chlamydia Trachomatis PGP-3D full length protein epitope. <b>Specificity:</b> Immunoreactive with sera of Chlamydia trachomatis infected individuals.
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.