

## Product datasheet for **BIN114**

### Chlamydia trachomatis (LGV Type-2 (Strain 434) EBs) Protein

#### Product data:

Product Type:	Native Proteins
Description:	Chlamydia trachomatis LGV Type-2 (Strain 434) EBs protein, 1 ml
Protein Source:	Mouse
Concentration:	lot specific
Purity:	Mouse L cells are infected with C. trachomatis elementary bodies. Optimally infected cells are harvested and disrupted by sonication in PBS. Cellular debris is removed using centrifugation.
Buffer:	Presentation State: Purified State: Liquid purified Ig fraction. Buffer System: BPS pH 7.2, containing no preservatives.
Preparation:	Liquid purified Ig fraction.
Applications:	Should be sonicated immediately prior to use to ensure that the preparation is uniform. Used for both IgG and IgM detection in assays which include EIA with polystyrene and latex solid phases and M capture formats.
Protein Description:	Chlamydia trachomatis LGV Type 2, Elementary bodies (EB)
Note:	Caution: No test guarantees a product to be non-infectious. All materials should be handled as if potentially infectious. Generally accepted laboratory practices appropriate for biological materials should be employed when handling this product.
Storage:	Store the antigen at < -70°C. Avoid multiple freeze/thaw cycles.
Stability:	Shelf life: six months from despatch.
Summary:	Chlamydia trachomatis is an intracellular organism. Chlamydia usually infects the cervix and fallopian tubes of women and the urethra of men. Chlamydial infections are believed to be one of the most common of all STDs. It is generally thought that in a population of 15 million, there are up to 300,000 cases of chlamydia each year. Thus, there are many undiagnosed cases of chlamydia in the community. It has been estimated that the true prevalence of chlamydia in the sexually active population may be in the order of 5% to 10%. Chlamydia is one of the leading causes of blindness in underdeveloped countries.



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**Protein Families:**

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