

Product: Chlamydia trachomatis Antigen, Grade 2
Catalog #: 12-3002
Amount: 100 ml

DESCRIPTION: Chlamydia grade 2 antigen contains a high concentration of elementary bodies and chlamydial components in PBS. The preparation contains no preservative or detergent. Residual host material is present.

SOURCE: LGV2 strain 434

FORM: Frozen liquid Viral Suspension in PBS, pH 7.2

PREPARATION: 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.

PROTEIN CONCENTRATION: 3.9 mg/ml by dye binding (protein) assay

TITER: ELISA >1:1,500

SAFETY: Inactivated by Gamma radiation. Although the reagent has been inactivated use standard laboratory precautions when handling the product.

STORAGE TEMPERATURE: at -20° - 70°C, **Avoid repeated Freeze/Thaws**

RECOMMENDED FOR USE: **Sonication immediately before use is recommended** to ensure that the product is uniform. This antigen may be used as is in a variety of immunoassay formats or may be further purified to meet the needs of a particular assay format. This antigen is widely used for both IgG and IgM detection in assays which include EIA with polystyrene and latex solid phase and M capture format

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