

U. Urealyticum

Description: MB antigen of *Ureaplasma parvum* serovar fused with GST, is expressed in E.Coli, having a Mw of 40kDa, and recognized by the specific IgM and IgG to *Ureaplasma parvum*.

Catalog #: PRPS-677

Synonyms: U. urealyticum, UreD, MB Antigen.

For research use only.

Source: E.Coli

Physical Appearance: Sterile filtered colorless solution.

Purity: Greater than 95% as determined by 10% PAGE (Coomassie staining).

Purification Method:

The recombinant fusion protein was purified by GSH affinity chromatography technique.

Formulation:

MB Antigen (2.2 mg/ml) is formulated in 1x PBS and 1mM EDTA pH 7.4 and 0.01% Sodium azide.

Stability:

Upon arrival, Store at -20°C. Please prevent freeze-thaw cycles.

Usage:

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Applications:

Can be used for lateral flow product, ELISA assay and vaccine development.

Introduction:

Ureaplasma urealyticum parvum is a pathogenic mycoplasma localized in genito-urinary tracts. *Ureaplasma urealyticum parvum* is one of the smallest free living organisms and the only organism expressing human immuno-globulin A1 protease to decompose human protective antibody. *Ureaplasma parvum* is related with various diseases, causing male urethritis, pyelonephritis, chorioamnionitis, pelvic inflammation, infertility via placental inflammation and abnormal outcomes during the early infection of pregnancy via amniotic sac, other diseases include suppurative arthritis, surgical infections, neonatal meningitis and neonatal disease. Lower respiratory infection is also very common for preterm infants and low birth weight baby. Which usually lead to broncho pulmonary dysplasia and congenital pneumonia, meningitis, and even death. MB antigen is considered as a major antigen of *Ureaplasma parvum*, it is present in different clinical isolates.

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