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## Product Data Sheet

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Product Name: U. Urealyticum  
Cat. No.: GP24934  
Batch No.: 1

### Product Data

Purity	>98%	Source	E.Coli
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	U. urealyticum; UreD; MB Antigen.		
Formulation	MB Antigen (2.2 mg/ml) is formulated in 1x PBS and 1mM EDTA pH 7.4 and 0.01% Sodium azide.		

### 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.

### Stability

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

### Background

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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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