

Ureaplasma urealyticum (6524): sc-58207

BACKGROUND

Ureaplasma urealyticum is a Gram-negative bacterial member of the family *Mycoplasmataceae*. It is part of the normal genital flora of humans but may also be found in the oropharynx and anal canal. There are six recognized *Ureaplasma* species, all of which are able to perform urea hydrolysis. *Ureaplasma urealyticum* is sexually transmitted and may cause a broad range of diseases including nonspecific urethritis (NSU), chorioamnionitis, stillbirth, premature birth and, in the perinatal period, pneumonia or meningitis. Infection by this microbe leads to a decrease of the contents of Zn and Se in semen fluid, and therefore results in a decline of spermatic quality. *Ureaplasma urealyticum* is able to bind mannose-binding lectin (MBL), suggesting that the absence of MBL may play a role in the predisposition of diseases related to *Ureaplasma urealyticum*.

REFERENCES

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RESEARCH USE

For research use only, not for use in diagnostic procedures.

SOURCE

Ureaplasma urealyticum (6524) is a mouse monoclonal antibody raised against *Ureaplasma urealyticum*.

PRODUCT

Each vial contains 100 µg IgG₁ in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

APPLICATIONS

Ureaplasma urealyticum (6524) is recommended for detection of *Ureaplasma urealyticum* by solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

STORAGE

Store at 4° C, ****DO NOT FREEZE****. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.