

Trichomonas vaginalis (8.F.284): sc-58064

BACKGROUND

Trichomonas vaginalis is an anaerobic parasite causative of trichomoniasis, an infection of the genitourinary tract. The most common pathogenic protozoan infection of humans, *Trichomonas vaginalis* also retains many enzymes that catalyze reactions important to the study of protein function. Although *Trichomonas vaginalis* lacks the mitochondria and other cytochromes necessary to carry out oxidative phosphorylation, it can alternatively capture nutrients by phagocytosis. *Trichomonas vaginalis* also maintains energy requirements through glycolysis, including the conversion of pyruvate and malate to hydrogen and acetate in the hydrogenosome, a specialized organelle. *Trichomonas vaginalis* is among the most persistent protozoan trophozoites, able to survive for up to 24 hours in urine, semen or even water samples.

REFERENCES

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RESEARCH USE

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

SOURCE

Trichomonas vaginalis (8.F.284) is a mouse monoclonal antibody raised against *Trichomonas vaginalis*.

PRODUCT

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

APPLICATIONS

Trichomonas vaginalis (8.F.284) is recommended for detection of *Trichomonas vaginalis* by immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and 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.