

Product datasheet for AP00667PU-N

OriGene Technologies, Inc.

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Cryptosporidium parvum (Intact Oocysts) Goat Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ELISA, IF **Recommended Dilution:** ELISA.

IFA.

Reactivity: Bovine Host: Goat

Clonality: Polyclonal

Immunogen: Oocysts purified from bovine feces

Specificity: This antibody recognizes intact oocysts of bovine Cryptospridium parvum. Cross-reacts with a

large rod-shaped microorganism found in bovine feces.

Formulation: 0.01M PBS, pH 7.2. containing 0,09% sodium azide

State: Purified

State: Liquid purified Ig fraction

Concentration: lot specific

Purification: >95% pure. Sodium sulfate precipitation and ion exchange chromatography.

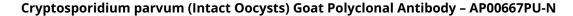
Conjugation: Unconjugated

Storage: Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.







Background:

Members of the genus Cryptosporidium are parasites of the intestinal tracts of fishes, reptiles, birds, and mammals. It seems that members of this genus do not display a high degree of host specificity, so the number of species in this genus remains a matter of some discussion. Cryptosporidium isolated from humans is now referred to as C. parvum. Cryptosporidium infections have been reported from a variety of wild and domesticated animals. Cryptosporidiosis is now recognized as an important opportunisitic infection, especially in immunocompromised hosts.

Cryptosporidium is a small protozoan parasite, measuring about 3-5 µm. It lives on (or just under) the surface of the cells lining the small intestine, reproduces asexually, and oocysts are passed in the feces. Transmission of the infection occurs via the oocysts. Many human infections have been traced to the contamination of drinking water with oocysts from agricultural "run-off" (i.e., drainage from pastures), so it is considered a zoonosis. The most common symptom of cryptosporidiosis is watery diarrhea; other symptoms include stomach cramps or pain, fever, nausea and vomiting. In persons with healthy immune systems, symptoms usually last about 1 to 2 weeks.