

**AP00752PU-N****Polyclonal Antibody to Giardia lamblia - Purified**

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| <b>Quantity:</b>      | 1 ml   |
| <b>Concentration:</b> | 4-5mg/ml (OD280nm, E0.1% = 1.4)  |
| <b>Background:</b>    | Giardiasis is a diarrhoeal illness caused by a single celled microscopic protozoan parasite, Giardia lamblia, also known as Giardia intestinalis. Giardia lamblia exists in two forms, an active form called a trophozoite, and an inactive form called a cyst. The active trophozoite attaches to the lining of the small intestine and is responsible for causing the signs and symptoms of giardiasis. The trophozoite cannot live long outside of the body and spread of infection is via the cyst which is excreted in the host's faeces. When it is ingested, stomach acid activates the cyst, and the cyst develops into the disease causing trophozoite in the new host. Giardiasis is diagnosed by finding cysts or trophozoites in the faeces. |
| <b>Host:</b>          | Goat   |
| <b>Immunogen:</b>     | Purified cysts   |
| <b>Format:</b>        | <b>State:</b> Liquid purified Ig<br><b>Purification:</b> >95% pure. Sodium sulfate precipitation and ion-exchange chromatography<br><b>Buffer System:</b> 0.01M PBS, pH 7.2 containing 0,09% sodium azide  |
| <b>Applications:</b>  | ELISA.<br>IFA.<br>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.   |
| <b>Specificity:</b>   | This antibody reacts to Giardia lamblia intact cysts. Cross-reacts with a rod-shaped microorganism found in rodent feces.  |
| <b>Storage:</b>       | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.<br>Shelf life: one year from despatch.   |