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32-13244: Giardia lamblia

Alternative Name :	Giardia intestinalis trophozoite known as Giardia lamblia is a flagellated parasite that found and replicates in the small intestine, resulting in giardiasis. Giardia lamblia parasite binds to the epithelium via a ventral adhesive disc, and replicates using binary fission. Giardia intestinalis trophozoite is bound to the lumen of the small intestine. Giardia lamblia are anaerobes while captivating the nutrients from the lumen of the small intestine. Among the major pathways in human infection are ingestion of untreated sewage, which is predominantly found in numerous developing countries, furthermore, infection of water is found in watersheds where massive grazing occurs.

Description

Source: Escherichia Coli.
Giardia intestinalis trophozoite known as Giardia lamblia is a flagellated parasite that found and replicates in the small intestine, resulting in giardiasis. Giardia lamblia parasite binds to the epithelium via a ventral adhesive disc, and replicates using binary fission. Giardia intestinalis trophozoite is bound to the lumen of the small intestine. Giardia lamblia are anaerobes while captivating the nutrients from the lumen of the small intestine. Among the major pathways in human infection are ingestion of untreated sewage, which is predominantly found in numerous developing countries, furthermore, infection of water is found in watersheds where massive grazing occurs.
The E.Coli derived recombinant Giardia intestinalis protein contains 266 amino acids (21-280). Giardia lamblia protein is fused to 6xHis tag at C-terminal and purified by proprietary chromatographic techniques.

Product Info

Amount :	100 µg / 0.5 mg
Purification :	Giardia lamblia protein is >90% pure as determined by SDS-PAGE.
Content :	Giardia Intestinalis antigen is formulated at a concentration of 1mg/ml in 1x PBS pH-7.2.
Storage condition :	Giardia Intestinalis protein although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.