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## Product Data Sheet

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Product Name: Giardia lamblia  
Cat. No.: GP23548  
Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Formulation	Giardia Intestinalis antigen is formulated at a concentration of 1mg/ml in 1x PBS pH-7.2.		

### Introduction

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.

### Stability

Giardia Intestinalis protein although stable at 4°C for 1 week, should be stored below -18°C . Please prevent freeze thaw cycles.

### Background

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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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