

12-8214: Anti-Entamoeba(ENTH-0504)

Clonality : Monoclonal

Clone Name : ENTH-0504

Description

Specificity : Anti-Entamoeba (Clone ENTH-0504) is specific for *E. histolytica* and *E. dispar*

Background: *Entamoeba histolytica* is a pathogenic amoeba that causes amebiasis, a significant intestinal and extra-intestinal infection in humans. It is a single-celled protozoan parasite belonging to the *Entamoeba* genus. Infection occurs through the ingestion of cysts, the dormant and infective stage of the parasite, found in contaminated food or water. Once inside the human host, the cysts release trophozoites, the active form of the parasite, which colonize the large intestine and can cause diarrhea, abdominal pain, and other gastrointestinal symptoms. In some cases, *E. histolytica* can penetrate the intestinal wall, leading to the formation of liver abscesses and extra-intestinal manifestations. The disease is especially prevalent in areas with poor sanitation and limited access to clean water. Proper sanitation, personal hygiene, and water purification are crucial in preventing the transmission of *E. histolytica* and reducing the burden of amebiasis worldwide.

Product Info

Amount : 250µg

Concentration ≥ 1.0 mg/ml Formulation: Formulated in 0.01 M phosphate buffered saline, pH 7.2 and contains

Content : 0.1% sodium azide. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.