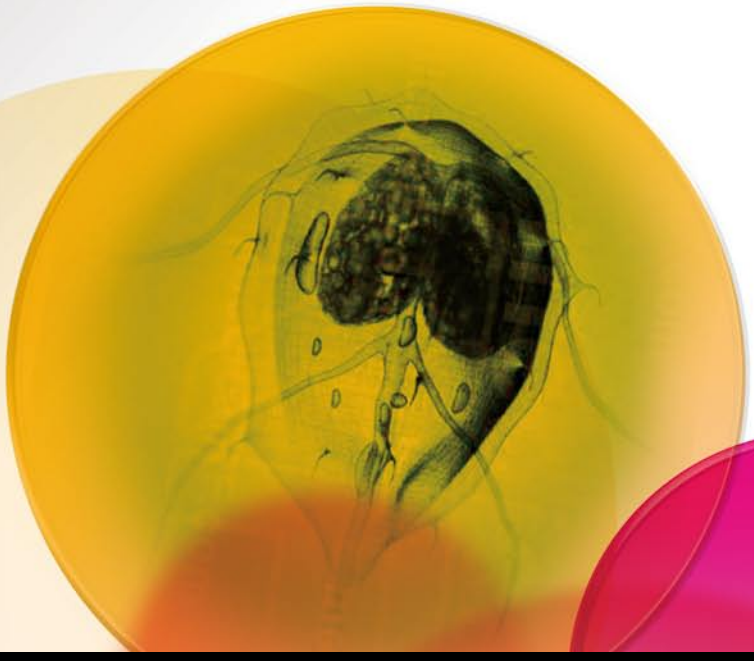


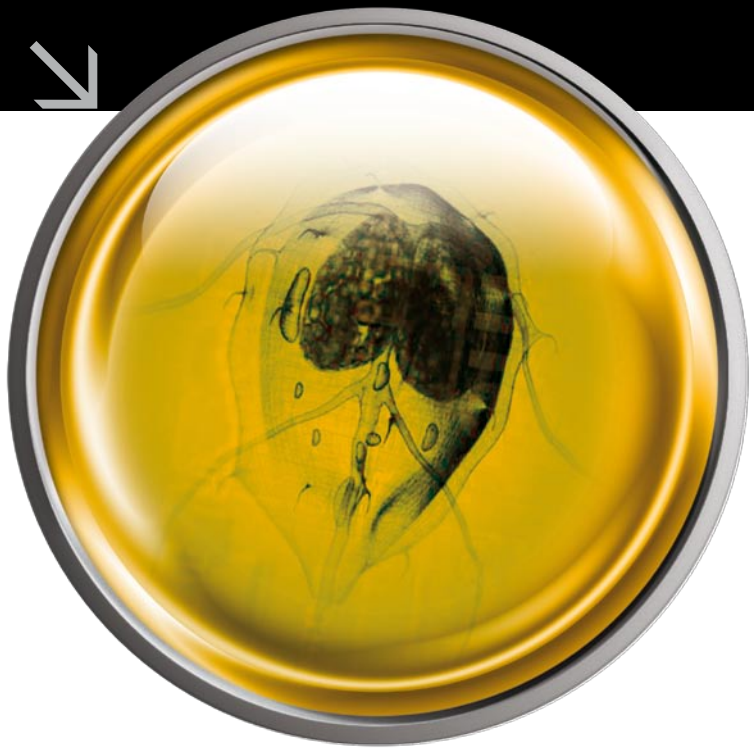
GIARDIA LAMBLIA ELISA
REF: 610001

- **CE MARKED**
- **SENSITIVITY:** comparable to microscopy
- **INCUBATION TIME:** 60'+ 30'+ 8'
- **AVAILABLE FORMAT:** 96T

GIARDIA
Lamblia Elisa

apDia

ISO 13485: 2003 CERTIFIED COMPANY



GIARDIA
Lamblia Elisa

WHY? ***apDia Giardia Lamblia Elisa*** is an in vitro diagnostic (IVD) immunoassay for the qualitative determination of *Giardia* specific antigens in faecal specimens. *Giardia* Lamblia is the protozoan parasite responsible for the disease giardiasis. Symptoms of acute giardiasis include diarrhea, nausea, weight loss, malabsorption, abdominal cramps, flatulence and anemia. The disease may manifest itself as an acute, chronic or as an asymptomatic infection. Giardiasis is the most prevalent parasitic disease and is responsible for an estimated 100 million mild infections and 1 million severe infections each year. The mode of transmission of *Giardia* is through faecal-oral ingestion of cysts. Epidemics of giardiasis have been documented in day care centres and by drinking contaminated water. Day care centres may be an important source being directly or indirectly responsible for *Giardia* infections.
Another important source of *Giardia* infection is among homosexual men.

Diagnosis of giardiasis has been done through a number of invasive and non-invasive techniques. Of the non-invasive techniques, microscopic examination of stools has been the most common. However, this method relies on an experienced technician and subsequent observation of intact organisms. Because of the historically low proficiency of correct microscopic examinations and intermittent excretion of organisms, alternative diagnostic methods have been investigated; one important alternative has been the development of an antigen capture Elisa for use with stools. These tests have shown comparable sensitivity to experienced microscopic examinations, are fairly simple to perform and do not require the observation of intact organisms.

The Elisa kits offered by apDia are validated on open Elisa automates such as the Dynex Instruments and the Triturus automate.

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