

Bordier Affinity Products diagnostic kits

ELISA

- Toxocariasis
- Alveolar Echinococcosis
- Cystic Echinococcosis
- Filariasis
- Strongyloidiasis
- Schistosomiasis
- Leishmaniasis
- Amebiasis

Immunofluorescence

- Microsporidiosis



www.bordier.ch



Diagnostics for Parasitology

Bordier Affinity Products SA,
Chatanerie 2,
CH-1023 Crissier, Suisse

Tel : +41 21 633 31 67
Fax : +41 21 633 31 78
www.bordier.ch

ENTAMOEBIA HISTOLYTICA IgG ELISA



Immunosorbent assay for
the serodiagnosis of
extra-intestinal amebiasis

Reference 9550



ENTAMOEBA HISTOLYTICA IgG ELISA

Features of the kit:

- Antigen: breakable strips coated with soluble somatic and metabolic *Entamoeba histolytica* proteins.
- Conjugate: protein A labelled with alkaline phosphatase.
- Cut-off serum discriminates infected patients from healthy individuals.
- Test time: about 2 hours.
- Quantitative results.



Test evaluation:

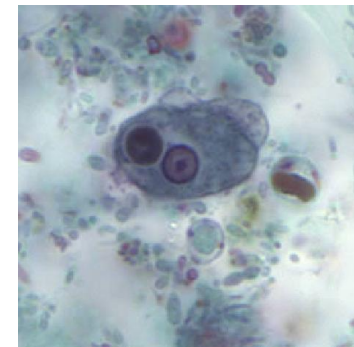
Evaluation made on 269 sera:

Groups	n	Pos	Neg	Performance
Extra-intestinal amebiasis	52	52	0	Sensitivity 100%
Intestinal amebiasis	7	7	0	Sensitivity 100%
No amebiasis	71	8	63	Specificity 89%
Others parasitoses	40	8	32	Specificity 80%
Blood donors	99	4	95	Specificity 96%

- Maximum sensitivity.
- Good specificity with blood donors (96%).
- Satisfactory specificity (89%) in patients without amebiasis. People coming or returning from endemic areas. A past amoebic infection cannot be excluded.
- Satisfactory specificity (80%) in patients with other parasitoses. No cross reactions was observed with echinococcosis.
- Maximum Negative Predictive Value allowing a diagnosis of exclusion.

Strengths of ELISA:

- Reproducible
- Quantitative
- Can be automated
- Easy-to-use
- Same format as the other ELISA kits from Bordier Affinity Products. Possibility to carry out in parallel the serodiagnosis of several parasitic diseases.



E. histolytica trophozoite with ingested red blood cells