



Detect Antibodies Against Ascariasis

By Rajapakshe, Harshane C.

Book Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Ascariasis, a geohelminthes infection in humans caused by *Ascaris lumbricoides* and occasionally by *A. suum*, is recognized as an important parasitic infection among children in the worldwide. In Sri Lanka, many cases have been reported among people in congested areas around Kalaniya and estates in up country. Diagnosis of Ascariasis is currently based on detection of *Ascaris* eggs in faeces. This study describes the extraction of *Ascaris lumbricoides* larval antigen and development of ELISA based on this larval antigen to improve the sero diagnosis of human ascariasis. The *Ascaris* larval antigen was extracted using developed *A. lumbricoides* eggs. The analysis of the larval antigen was performed by SDS-PAGE followed by Western Blotting. Determination of cross reaction of *Toxocara canis* IgG antibody with *Ascaris lumbricoides* larval Antigen was performed to assess the specificity of the extracted antigen. Results revealed cross reaction between *Ascaris* larval antigens and anti-*Toxocara canis* serum. The whole larval antigen cannot be used for ELISA because it leads to false positivity, due to cross reaction with other ascaroids species. | Format: Paperback | Language/Sprache: english | 52 pp.



READ ONLINE
[8.33 MB]

Reviews

The publication is easy in read through safer to comprehend. It is actually loaded with wisdom and knowledge Its been printed in an extremely simple way and is particularly simply right after i finished reading through this pdf where actually modified me, affect the way i believe.

-- Ms. Clementina Cole V

This is the very best publication i have got read until now. It is definitely simplified but shocks within the fifty percent of the pdf. You may like how the article writer create this pdf.

-- Rosario Durgan