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COMPARISON OF EXCRETORY SECRETORY ANTIGENS OF ASCARIS LUMBRICOLDES AND TOXOCARA CATI 2ND. STAGE LARVAE WITH BIOCHEMICAL METHODES

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Abstract:

Purification of parasitic antigens is a major activity in immunoparasitology because of its application in immunodiagnosis, vaccination analysis of immunopathology, preparation of monoclonal antibody and finding out the cross reactive antigens versus specific antigens of a parasite. In this survey F2 ultrafiltration excretory secretory antigens of *Ascaris lumbricoides* and *Toxocara cati* were separated by gel chromatography on sephacryl S-200 into several antigenic and non antigenic fractions. The E/S antigens of this nematode were analyzed by using sodium dodecyl sulfate polyacryl amide gel electrophoresis (SDS PAGE analysis of *Ascaris lumbricoides* and *Toxocara cati* revealed a minimum of 12 KD to 130 KD distinct with brilliant coomassie blue staining bands respectively.

Keywords:

[Ascaris lumbricoides](#) . [Toxocara cati](#) . [Antigen](#)

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