

Test/ Reagents for lung fluke useful for differential diagnosis from lung TB

Salient features of the technology:

- IgG-ELISA test using antigens of adult lung flukes developed in experimental rats are used for diagnosis of human paragonimiasis.
- IgG ELISA is specific for detection of antibodies in the patients serum.
- This test is highly sensitive and specific for diagnosis of paragonimiasis.
- This antigen can be effectively used for screening large populations for paragonimiasis.
- In areas where both paragonimiasis and tuberculosis are endemic, suspected TB subjects can be screened for paragonimiasis because of chance of mistaken diagnosis. Correct diagnosis will avoid unnecessary costly TB treatment.
- This test was validated at TRC, Chennai.
- This test was developed by Regional Medical Research Centre, Dibrugarh (an ICMR Institute).