
Lab Dept: Serology

Test Name: SCHISTOSOMA IGG ANTIBODY

General Information

Lab Order Codes: SCHMA

Synonyms: Schistosoma Species Ab, IgG

CPT Codes: 86682 – Antibody; helminth, not elsewhere specified

Test Includes: Schistosoma IgG antibody level reported as detected or not detected.

Logistics

Test Indications: Useful as an aid in the diagnosis of infections caused by Schistosoma mansoni (and other Schistosoma species on a limited basis).

Lab Testing Sections: Serology – Sendouts

Referred to: Mayo Medical Laboratories (MML: BILHA)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 2 – 5 days

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: SST (Gold, marble or red) tube

Draw Volume: 3 mL (Minimum: 1.5 mL) blood

Processed Volume: 1 mL (Minimum: 0.5 mL) serum

Collection: Routine venipuncture

Special Processing: Lab Staff: Centrifuge specimen, remove aliquot into a screw-capped, plastic vial. Store and ship at refrigerated temperatures.

Patient Preparation: None

Sample Rejection: Specimens other than serum; mislabeled or unlabeled specimens

Interpretive

Reference Range: Negative

Critical Values: N/A

Limitations:

- This assay is designed to specifically detect IgG-class antibodies to *S. mansoni*, which are likely cross-reactive to other *Schistosoma* species.
- Sensitivity for detection of antibodies to each of the *Schistosoma* species has not been evaluated for this assay.
- Patients may remain seropositive by this assay following appropriate treatment and clearance of the infection.
- Positive results should be confirmed with other laboratory findings (eg, ova and parasite examination), clinical symptoms, and suitable exposure history.

Methodology: EIA (Enzyme Immunoassay)

References: [Mayo Medical Laboratories](#) December 2017

Updates: 8/23/2016: Testing moved from Mayo forward to Focus to being performed at Mayo. Ref range and method changes.