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**Lab Dept:** Serology

**Test Name:** SCHISTOSOMA IGG ANTIBODY

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***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.

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***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

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***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

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***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.