

Acceptable



Ova and Parasites, Urine

Alternate Name:	Urine O & P
Performing Lab:	Send- out to LabCorp
Test Includes:	Concentration of material and examination of specimen for ova and parasites by conventional microscopy.
Specimen Container:	Sterile Screw cap container
Minimum Volume Required:	3-15 mL urine
Testing Availability	Sent out to LabCorp daily
Turnaround Time:	1 – 3 days for complete report
Special Handling:	Specimen must be delivered to the laboratory within 30 minutes of collection.
Patient Preparation:	None
Specimen Stability:	Maintain specimen at room temperature
Reference Range:	No ova or parasites seen
Testing Methodology:	Formalin concentrate and trichome stain
Causes for rejection:	Grossly leaking specimens; unlabeled specimen or name discrepancy between specimen and test request label.
Other Comments:	The diagnosis of <i>Schistosoma haematobium</i> infection is achieved by examination of urine specimens for eggs. Both 24-hour and spot urine samples should be examined to

enhance detection. *S haematobium* egg excretion exhibits a circadium rhythm, with the peak occurring between noon and 3 PM. Egg output is enhanced by physical exercise combined with fluid intake prior to urination. In very light or chronic infections, eggs may be very difficult to detect in urine; consequently, multiple urine sample examinations may be required. Occasionally eggs of *S mansoni* may also be detected in urine.

Clinical Significance:

Establish the diagnosis of parasitic infestation