



OVA and PARASITE SCREEN

Orderable – OAPSCREEN

TurnAround Time: 1 day for Ova & Parasite Screen,
1 week for full Ova and & Parasites

Specimen Type and Collection Information:

| Specimen Type | Collection Information | Collection Device |
|---------------|---|---|
| Faeces | <p>Submit sample in an ova and parasite kit, which consists of two containers. One is for stool and one for stool with preservative. Both containers must be submitted.</p> <p>Collect specimen prior to administration of antibiotics or antidiarrheal agents. Avoid use of mineral oil, bismuth and barium prior to collection.</p> <p>Avoid contamination with urine or water from the toilet.</p> <p>Select areas of stool that appear blood-stained, purulent or watery. Transfer a 5 mL portion to parasite transport media (labelled SAF FIXATIVE). Thoroughly mix 5 mL of stool with the 20 mL of fixative (1:4 ratio).</p> |  |



Laboratory:
Microbiology



Requisition:
Electronic Order



Method of Analysis:
Microscopic analysis
Enzyme Immunoassay



Test Schedule:
Daily

See Critical Information Required before submitting samples.

For samples other than faeces, contact the lab before collecting for specific instructions regarding preservation and transport.

Special Processing:

Samples are screened for Giardia specie sand Cryptosporidium species if criteria are

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London Health
Sciences Centre



Pathology and Laboratory Medicine

met in the OAP Screening Questionnaire

For full parasite investigation, clinical data and travel history must be included.

A total of 3 specimens should be collected one per day for 3 days should be submitted.

Critical Information Required:

The [online screening questionnaire MUST BE COMPLETED](#) and accompany the sample. If a request is received without a questionnaire, screening will not be performed. If risk factors are not present, the specimen will not be processed for ova and parasites.

OAP Screening Questionnaire

For OAPSCREEN:

Patient must have diarrheal illness for >7 days with negative stool culture

PLUS one of the following risk factors:

1. Long Term Care resident with documented outbreak
2. Day Care Worker
3. Previous documented parasitic infection
4. Other risk factors – please specify

For Full OAP Testing

1. The patient must be immune-compromised and one of the following risk factors:
 - a. HIV positive
 - b. Long Term Immunosuppressive Drugs
 - c. Post Organ Transplant
 - d. Other
3. Travel History Outside of N. America and or European Union
4. Immigrant from countries with high parasite prevalence rate

Storage and Shipment:

The specimen must be refrigerated.

The specimen must be received within 24 hours of collection.

Referred To:

If a full Ova and Parasites Investigation is requested, based on clinical information, the sample will be sent to Dynacare Medical Laboratories or Public Health Ontario Laboratory (London).