OVA AND PARASITE TESTING

ARUP Laboratories Sets a New Standard

For decades, traditional microscopy—a manual and time-consuming process—has remained the standard method for detecting human gastrointestinal parasites. Since 2019, ARUP Laboratories has led the development of an AI-screening tool that improves parasite detection.

AI-AUGMENTED SCREENING ENHANCES DIAGNOSTIC CAPABILITIES

By minimizing the inherent potential for human error, AI screening enhances the quality and reliability of test results. Our validation studies have demonstrated the following benefits:

- Improved sensitivity
- Improved limit of detection
- Improved diagnostic yield

ARUP is the first and only laboratory to implement an AI-screening tool for the entire ova and parasite testing process.

AVAILABLE TESTING

3001662	**Ova and Parasite Exam, Fecal (Immunocompromised or Travel History)**	**AI screens digital images of trichrome stains and wet-mount slides, which are then reviewed by a technologist.**
0060046	**Cryptosporidium and Coccidia Exam, Fecal**	**AI screens digital images of the modified acid-fast stain, and a technologist then reviews wet-mount slides via fluorescent microscopy.**

By leveraging the efficiency of AI and the expertise of our highly skilled technologists, ARUP ensures a more comprehensive and accurate outcome than relying on either one alone.

ARUP LABORATORIES

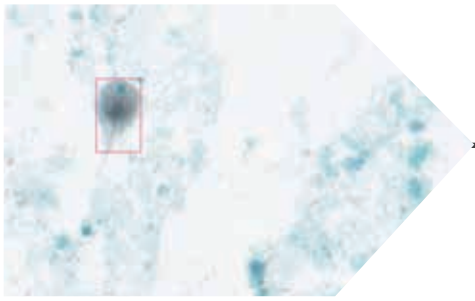
aruplab.com/OP-AI

Why Choose ARUP Laboratories?

- Industry leader in the implementation of advanced AI technologies for parasitology
- Industry leading experts and a highly skilled parasitology team
- Extensive quality assurance process ensures accuracy and reliability of test results
- Single-vial collection/transport device included in the cost of the test

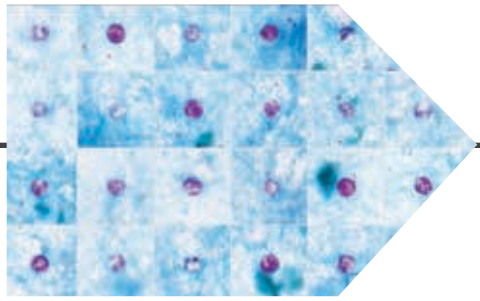
EXPECT A BETTER STANDARD

AUGUST 2019



ARUP develops world's first AI-screening tool to detect human gastrointestinal parasites.

FEBRUARY 2021



ARUP implements an AI-screening tool to detect coccidia.

MARCH 2025

ARUP expands its AI-screening tool to include wet-mount slides.

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