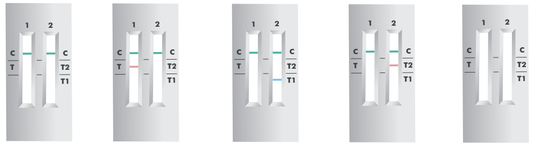
SIMPLE CRYPTO-GIARDIA-ENTAMOEBA 4R

Procedure

READY TO USE KIT*

Simple and safe

Results



Negative | Crypto + Giardia/Entamoeba - | Crypto - Giardia -/Entamoeba + | Crypto - Giardia +/Entamoeba - | Invalid

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PARASITIC INFECTIONS

One-step immunochromatographic tests for the individual or simultaneous qualitative detection - in independent bands - of Cryptosporidium sp., Giardia lamblia *and* Entamoeba histolytica *antigens in human feces.*

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Rev. 3

PARASITIC INFECTIONS

Giardia lamblia and *Cryptosporidium* infections are endemic diseases worldwide, especially in developing countries. They mainly affect children and are recognized as one of the most important causes of gastroenteritis in children after Rotavirus.

Entamoeba histolytica infection is the third leading cause of mortality in humans and is considered responsible for 50,000-100,000 deaths each year. Infection with the nonpathogenic, morphologically identical *Entamoeba dispar* is 10 times more common than *Entamoeba histolytica* infection. The incidence is higher in developing countries, but with increased travel and emigration to developed countries, infection is becoming more common in non-endemic areas.

The most common route of transmission of these diseases is by ingestion of cysts present in water or food contaminated with human fecal material.

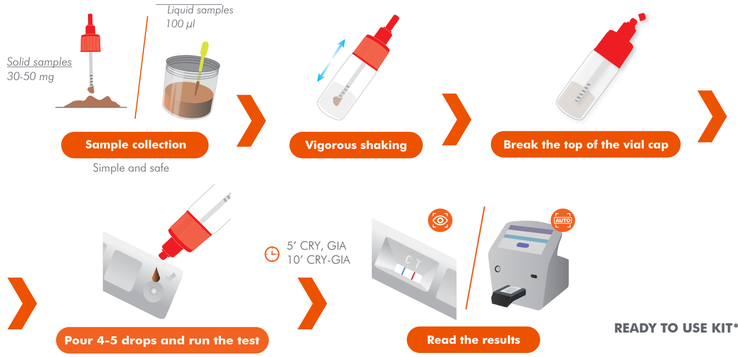
Although these parasitic infections may be asymptomatic, the most common clinical symptoms are diarrhea, weight loss and abdominal cramps. In children or immunosuppressed patients, symptoms may be more severe and long-lasting and may affect the child's growth and development. In the most severe cases of *Entamoeba histolytica* infection, it can cause dysentery and extraintestinal disease.

Conventional diagnosis of these microorganisms is performed by fecal microscopy, which suffers from low sensitivity and specificity. Furthermore, they cannot reliably distinguish between the pathogenic species - *Entamoeba histolytica* - and the non-pathogenic species - *Entamoeba dispar* - as they are morphologically identical.

Crypto, Giardia, Entamoeba, Crypto-Giardia and Crypto-Giardia-Entamoeba 4R are rapid, simple and easy-to-interpret tests that allow healthcare personnel to optimize the diagnosis and treatment of patients affected by these parasites. In addition, *Entamoeba* detection is specific to the pathogenic species *Entamoeba histolytica*.

SIMPLE/STICK CRYPTO
SIMPLE/STICK GIARDIA
SIMPLE/STICK CRYPTO-GIARDIA

Common procedure



READY TO USE KIT*

Simple/Stick Crypto results

Negative | Positive | Invalid

Simple/Stick Giardia results

Negative | Positive | Invalid

Simple/Stick Crypto-Giardia results

Negative | Crypto +/Giardia - | Crypto -/Giardia +

Invalid

SIMPLE/STICK ENTAMOEBA

Procedure

Results

Negative | Positive | Invalid