

STRONGYLOIDES

Your CLIA monotest solution

STRONGYLOIDES VIRCLIA® IgG MONOTEST

A unique CLIA monotest solution for the detection of specific IgG antibodies against *Strongyloides stercoralis* antigens in human serum or plasma samples.

- Simple and automated protocol that provides results within 1 hour.
- Specific antigens to avoid cross-reactions with other parasitic infections.
- On-demand testing, 1 monotest = 1 reported test - Ideal for urgent samples.
- Objective method with excellent sensitivity and specificity.
- **Multiple uses:** serological detection, evaluation of chronic asymptomatic infections, screening before solid organ or fecal microbiota transplant.
- **Compatible tests with VirClia® panel**, a broad solution for infectious diseases in CLIA monotest format (>90 parameters).



VirClia® MONOTEST - 24 tests

VirClia® Lotus

Fundamentals

Strongyloides stercoralis can establish chronic infections through autoinfection, allowing it to persist for decades. Although it is usually asymptomatic or causes mild symptoms, in immunocompromised individuals—such as solid organ recipients or patients receiving systemic corticosteroids—it may lead to **hyperinfection and disseminated, life-threatening strongyloidiasis**.

This **intestinal nematode** infects approximately 300-600 million people globally, predominantly in tropical and subtropical regions. Prevalence is highest in **Southeast Asia, Africa, and South America**, particularly in rural, impoverished areas with poor sanitation. Migration and organ transplantation have increased the prevalence in non-endemic areas, such as **Europe and United States of America**.

Diagnostic Tools

Diagnosis is difficult, as traditional microscope methods have low sensitivity; **serological tests** and **PCR** are more effective, although PCR is not always accessible. Serological screening is key in high-risk patients to prevent serious complications like **hyperinfection syndrome and dissemination**, both of which are potentially fatal.

The CLIA monotest format is the **ideal solution for urgent cases** requiring a **rapid detection of the parasite** before initiating immunosuppressive or corticosteroid therapy in high-risk patients. It can also be used for **evaluation of chronic asymptomatic infections** screening of solid organ transplant recipients and donors, and for screening of fecal microbiota transplant donors.

Unlike existing ELISA solutions, VirCelia monotest delivers **same-day results without batching**, sample accumulation, or the need for external laboratory processing.

The true Monotest

- On-demand testing: **1 strip = reported test**, nothing else is required.
- Individual Quality Control by monotest**, no need for additional controls or calibrations.
- Automated protocol in **Random Access** system with results in 1 hour.
- Same day results**, without outsourcing results or accumulating samples.



Performance

Sensitivity and specificity were determined against a commercial kit.

	N° of samples	Sensitivity	Specificity
S. STERCORALIS VIRCLIA®	342	94%	93%



VirCelia® Panel



Automated results
in 1 hour



Complete
solution



Optimised
treatment



Better patient care

Information and related products

Reference	Description	Class	Content
VCM107	STRONGYLOIDES STERCORALIS VIRCLIA® IgG MONOTEST	CE ₀₁₂₃ IVDR	24 tests
VCM029	HELICOBACTER PYLORI VIRCLIA® IgA MONOTEST	CE	24 tests
VCM030	HELICOBACTER PYLORI VIRCLIA® IgG MONOTEST	CE	24 tests
VCM103-PL	HELICOBACTER PYLORI Ag VIRCLIA® MONOTEST	CE ₀₁₂₃ IVDR	48 tests
VCM103	HELICOBACTER PYLORI Ag VIRCLIA® MONOTEST	CE ₀₁₂₃ IVDR	24 tests
VCM108	CLOSTRIDIUM DIFFICILE GDH Ag VIRCLIA® MONOTEST	CE ₀₁₂₃ IVDR	24 tests
VCM109	CLOSTRIDIUM DIFFICILE TOXIN A+B Ag VIRCLIA® MONOTEST	CE ₀₁₂₃ IVDR	24 tests