



# Serazym® Stool ELISA

## Gastrointestinal Infections (GI)

Extensive product range for the detection of different bacterial, parasitic, and viral enteropathogens in stool samples.

### REAGENTS FEATURES

- Ready-to-use and color-coded
- Qualitative antigen detection
- Excellent performance that delivers highly accurate and specific results
- Suitable for automated systems
- Easy to use and cost-effective laboratory solution
- CE-IVD

### AUTOMATION FEATURES

- As laboratories increasingly embrace automation, the Serazym® stool ELISA panel for GI has been designed to seamlessly integrate into both manual and automated workflows.
- All assays can be used with the ThunderBolt® (Gold Standard Diagnostics Corp.), DS2, and DSX (Dynex® Technologies, Inc.) systems.
- For easy handling, all reagent bottles adapt perfectly into the racks of ThunderBolt® and DSX, and include sufficient volume for proper implementation.

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### BACTERIA

Product Description	Sample	Sensitivity	Specificity	Order No.*
Serazym® Campylobacter	Stool/culture	99.3%	99.2%	HW/E-093; HW/E-093-A2
Serazym® Clostridium difficile GDH	Stool	98.1%	98.3%	HW/E-107; HW/E-107-A2
Serazym® Clostridium difficile Toxin A+B	Stool/culture	98.1%	91.8%	HW/E-040; HW/E-040-A2
Serazym® H. pylori 2nd Gen.	Stool	99.3%	97.7%	HW/E-114-A
Serazym® Verotoxin 1+2	Stool/culture	84.6%**	99.8%**	HW/E-030; HW/E-030-A2

### VIRUSES

Product Description	Sample	Sensitivity	Specificity	Order No.*
Serazym® Adenovirus	Stool	96.5%	99.6%	HW/E-017; HW/E-017-A2
Serazym® Astrovirus	Stool	96.0%	>99.9%	HW/E-045; HW/E-045-A2
Serazym® Norovirus (Genotype I & II)	Stool	94.9%	92.9%	HW/E-061; HW/E-061-A2
Serazym® Rotavirus (Group A)	Stool	98.4%	>99.9%	HW/E-020; HW/E-020-A2

### PARASITES

Product Description	Sample	Sensitivity	Specificity	Order No.*
Serazym® Cryptosporidium parvum	Stool	96.9 - 100%	100%	HW/E-039-A
Serazym® Entamoeba histolytica	Stool	100%	81.8 - 94.7%	HW/E-018-A
Serazym® Giardia	Stool	96.8 - 100%	100%	HW/E-106-A

\*HW/E-OXX and HW/E-OXX-A: 1 x 96 wells; HW/E-OXX-A2: 2 x 96 wells

\*\*Sensitivity and Specificity values of Serazym Verotoxin 1+2 assay reached after enrichment culture

### BIBLIOGRAPHIC REFERENCES

Jelinek T and Neifer S. **Detection of *Giardia lamblia* stool samples: a comparison of two enzyme-linked immunosorbent assays.** *F1000Research* 2013, 2:39 (<https://doi.org/10.12688/f1000research.2-39.v1>)

Abstract extract: "Two commercially produced enzyme-immunosorbent assays (EIAs) to detect antigens of *Giardia lamblia* in stool specimens, Ridascreen *Giardia* and Serazym *Giardia*, were evaluated."

Results: Serazym *Giardia* showed superior sensitivity and specificity.

Discussion: "In our setting, one of the two EIAs proved to be more reliable than PCR."

DISTRIBUTED BY Gold Standard Diagnostics Frankfurt GmbH

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Not available in the U.S. Contact your local representative for more details.

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