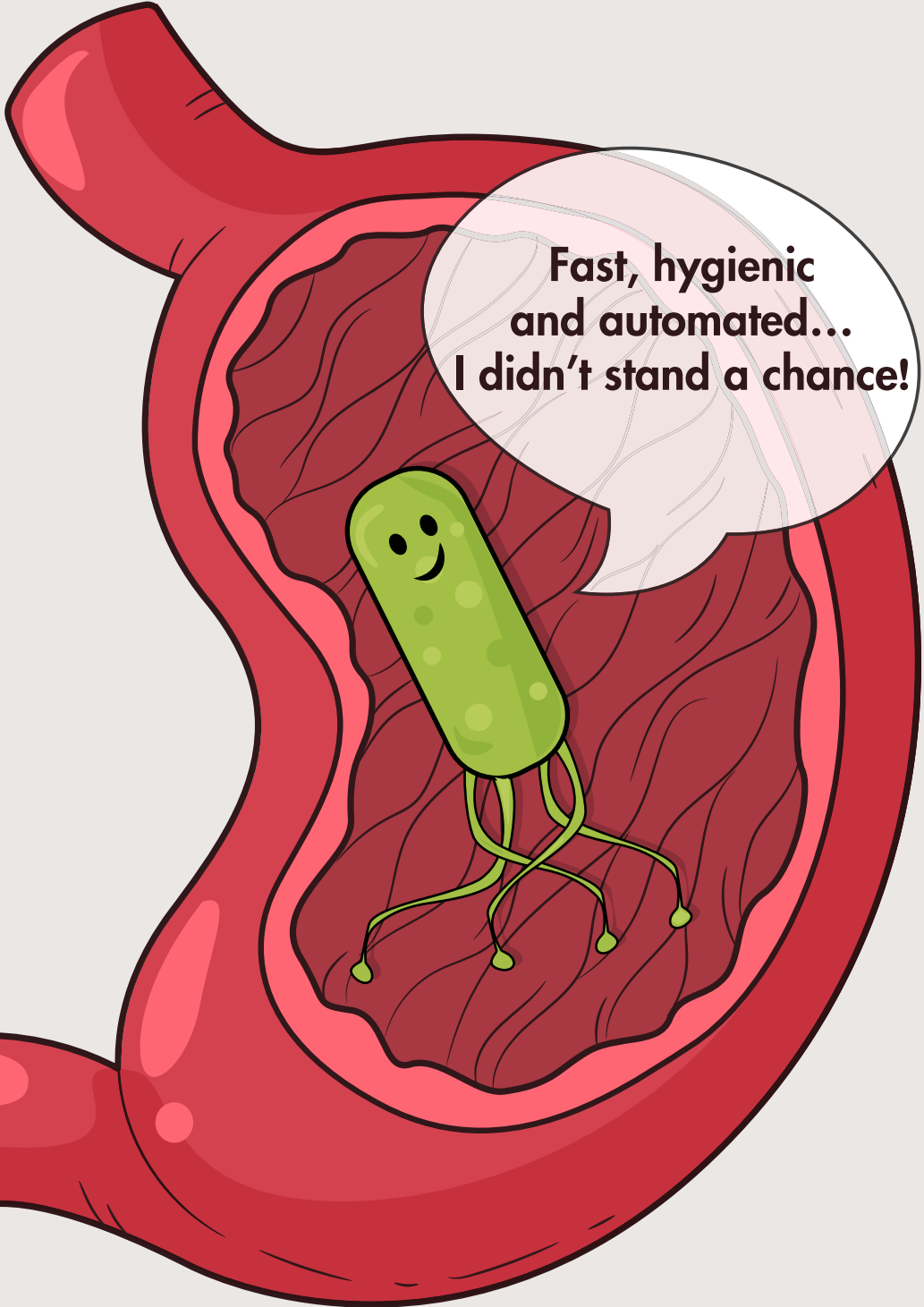


PYLiAGold

Helicobacter pylori Stool Antigen Test



Fast, hygienic
and automated...
I didn't stand a chance!

SENTINEL
DIAGNOSTICS

PYLiaGold *line*

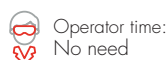
Why it matters

Helicobacter pylori infection is one of the most widespread worldwide, associated with chronic gastritis, peptic ulcer and gastric cancer. ¹ Laboratories need **reliable**, **rapid**, and **non-invasive** tests to simplify diagnosis, and to monitor treatment outcomes.

Sampling

Convenient collection at home:

- Stability: up to 5 days at room temperature and 7 days at 2-8°C
- Safe and easy to use thanks to its two-caps system: one screw-cap sampling and one pierceable-cap for analysis
- Suitable for pediatric patients

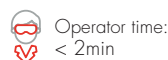


Operator time:
No need

Analysis

Simplified protocol:

- Ready to use, liquid reagents
- No centrifugation step required
- Automated calibration
- Barcoded reagents and samples



Operator time:
< 2min

Comparison with traditional methods

Urea Breath Test (UBT)	Accurate but costly, not suitable for pediatric or respiratory patients
Manual ELISA	Batch processing, time-consuming and prone to errors
Lateral Flow card tests	Quick but not automatable, with limited traceability

PYLiaGold offers the winning combination of automation, hygiene, speed, and high productivity.

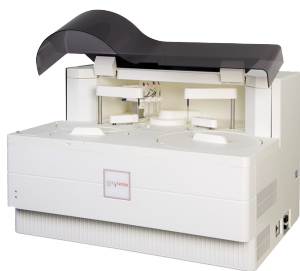
¹Source: Garza-González E et al. A review of *Helicobacter pylori* diagnosis, treatment, and methods to detect eradication. World J Gastroenterol. 2014 Feb 14; 20(6): 1438-49.

The solution

PYLiaGold is the automated turbidimetric test for the semiquantitative detection of *Helicobacter pylori* stool antigen. It combines **diagnostic accuracy** with **maximum operational efficiency**, delivering fast and traceable results from a simple stool sample.

No further steps needed:

- Complete sample traceability
- Single collection tube, no sample transfer
- Option of simultaneous analysis: H. pylori SAT ², fCAL ³ and FOB ⁴



SENTIFIT[®] 270

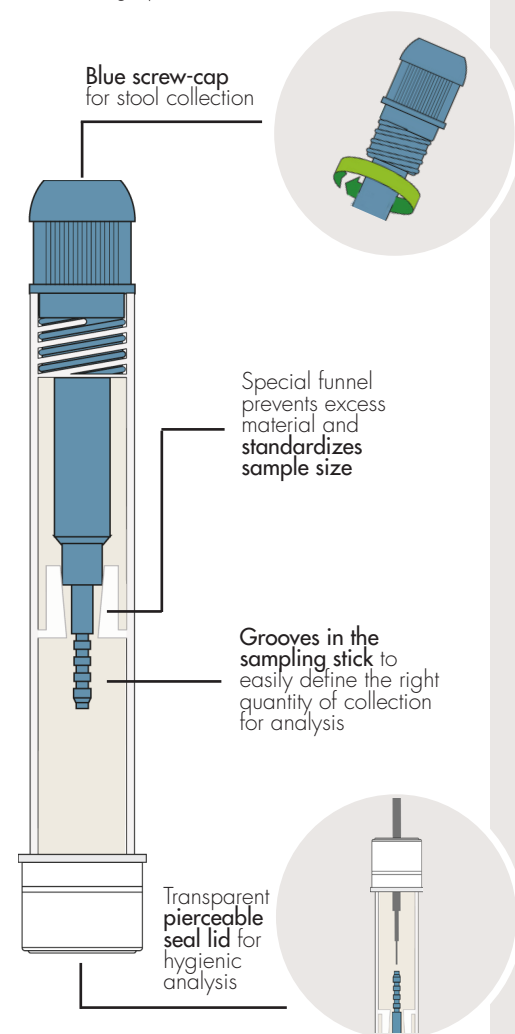
Results

- Sensitive
- Accurate
- Rapid

PYLiaGold pierceTube

SAFE, HYGIENIC AND EASY

Exclusive design: patented tube N° EP2223656B1



Main Features

	Temperature	Days
Stability of the sample	2-8°C	7
	15-25°C	5
	37°C	1
Limit of Detection (LoD)	0.47 ng/mL	
Measuring range	0.47 - 40.00 ng/mL (0.08 - 6.8 µg/g)	
Prozone Effect	no prozone effect was observed up to concentration of 4500 ng/mL	
PYLiaGold piercetube	diameter 13 mm, height 98 mm	

² H. Pylori Stool Antigen Test; ³ Fecal Calprotectin; ⁴ Fecal Occult Blood

Key benefits for your laboratory

- **Automatic analyzer**, eliminating manual pre-analytical steps and reducing biological risks.
- **Hygienic** and **safe** piercable tube that allows **full traceability** via unique ID barcode label.
- **Single-step analysis**: just load the PYLiaGold pierceTube onto the tray.
- No further steps needed, all reagents are **liquid and ready to use**.
- **Fast, reliable, semi-quantitative** results in about 10 minutes.
- **High throughput**: up to 270 tests per hour.
- **Unique technology**: the only automated turbidimetric assay available.
- Analytical consolidation: **integrates** H. pylori **Stool Antigen Testing** with Sentinel's FOB and fCAL assays **on a single platform**.
- **Continuous loading** of samples for maximum efficiency.

Ref.	Description	Kit size
1156309	PYLiaGold pierceTube	100 tubes
1156306	PYLiaGold Latex	1x13; 1x5.1 mL
1156307	PYLiaGold Calibrator	1x1.2 mL; 1x4.5 mL
1156308	PYLiaGold Control Set	2x (1x1.5) mL
1156310	PYLiaGold Sample Diluent	1x12 mL
550100	SENTiFIT® 270 Analyzer	Instrument



Optimize your fecal testing workflow combining PYLiaGold with FOB (FOB Gold) and fCAL (CALiaGold) assays in one unique platform.

Additional information at www.sentinel diagnostic.com

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