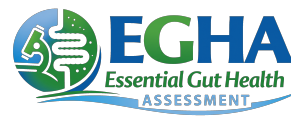




RSM Diagnostics Lab: Total GI vs EGHA

Test comparison



Feature / Component	Total GI	EGHA
Total Number of PCR Targets	68	17
Multiplex PCR for GI pathogens	Yes	Yes
Direct microscopy for ova & parasites	Yes	Yes
Bacterial culture	Yes	Yes
Fungal culture	Yes	Yes
Antibiotic / antifungal sensitivity	Yes	Yes
Natural agent sensitivity	Yes	Yes
Fecal calprotectin	Yes	Yes
Pancreatic elastase	Yes	Yes
Secretory IgA	Yes	Yes
Lactoferrin	Add-on / broader menu	Yes
Lysozyme	Add-on / broader menu	Yes
Anti-gliadin IgA	Yes	No
Zonulin	Yes	No
Expanded commensal microbiome PCR quantification	Yes	No
Expanded antimicrobial resistance gene panel	Yes	No

RSM Diagnostics Lab
2500 Grubb Rd, Suite 120
Wilmington, DE 19810

Phone: 302-592-4106
Fax number : 877-366-4706
Email: info@rsmdiagnosticslab.com



Total GI use cases:

- Symptoms are chronic, recurrent, or complex.
- A broader microbiome and gastrointestinal function workup is needed.
- Barrier integrity, gluten-related immune response, or resistance gene data would change treatment planning.
- A more comprehensive precision-medicine approach is preferred.

EGHA use cases:

- A focused gut health assessment is appropriate.
- The goal is a strong first-line stool evaluation with core pathogen, microscopy, culture, and intestinal marker data.
- Budget sensitivity matters but clinicians still want clinically actionable stool findings.
- Follow-up or interval reassessment is being considered.

Clinical positioning

- **Total GI** is RSM's most comprehensive stool profile, combining PCR, culture, microscopy, and functional biomarkers for a broader view of gastrointestinal health.
- **EGHA** provides a more focused gut health assessment with core pathogen detection, stool culture, microscopy, and key intestinal health markers.

Total GI intestinal / digestive markers (included):

Calprotectin, pancreatic elastase, secretory IgA, anti-gliadin IgA, zonulin, stool fat, stool carbohydrate, *H. pylori* EIA

EGHA intestinal / digestive markers (included):

Calprotectin, pancreatic elastase, secretory IgA, lactoferrin, lysozyme, stool fat, stool carbohydrate



RSM Diagnostics Lab
2500 Grubb Rd, Suite 120
Wilmington, DE 19810

Phone: 302-592-4106
Fax number : 877-366-4706
Email: info@rsmdiagnosticlab.com