

CALPROTECTIN

EliA™
Excellence in Autoimmunity

Identify inflammatory bowel diseases

EliA™ Calprotectin

Differentiate IBD/IBS clearly

EliA™ Calprotectin is a very sensitive and specific test for fecal calprotectin to differentiate inflammatory bowel diseases (IBD) e.g. Crohn's disease, ulcerative colitis, from irritable bowel syndrome (IBS) and other functional bowel disorders (BD).

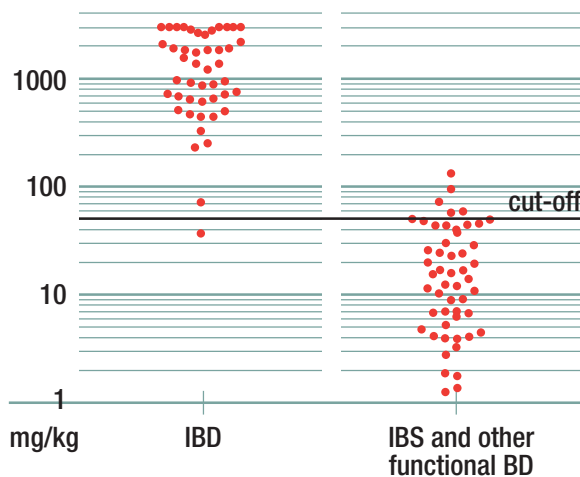


Figure 1: Performance of EliA™ Calprotectin in 191 stool samples (132 IBD, 59 IBS, and other functional bowel disorders). Cut-off for positivity: 50 mg/kg (internal study)

Provide early diagnostic guidance

High sensitivity, high specificity and excellent predictive values for EliA™ Calprotectin assure high clinical value in different clinical settings. Fecal calprotectin is effective as a first line test for discriminating IBD from IBS, after diagnosis for monitoring disease activity, and during clinical remission for a prediction of relapse.¹ In terms of discrimination it clearly outperforms blood tests such as CRP or ESR.²

High clinical value	EliA™	Supplier 1	Supplier 2
Sensitivity	97.7 %	96.7 %	99.2 %
Specificity	89.8 %	89.8 %	76.3 %
Positive predictive value (PPV)	0.96	0.96	0.90
Negative predictive value (NPV)	0.95	0.93	0.98

Table 1: Performance data of EliA™ Calprotectin and tests from two other suppliers (internal study)

Test completely automated, and efficiently

Routine stool extraction samples are processed automatically by the Phadia® Laboratory Systems (Phadia® 100/250/2500/5000) thereby reducing the workload for your lab personnel. Operational costs are minimized and planning simplified – leading to an optimized workflow!

EliA™ Calprotectin

Improved lab analysis and diagnostics

Your advantages with EliA™ Calprotectin:

- clear differentiation between IBD and IBS
- early diagnostic guidance
- completely automated and efficient testing
- reduces the workload for your lab personnel
- add-on to the EliA™ gastro panel on Phadia® Laboratory Systems

EliA™ Calprotectin helps you improve service quality: fully automated testing for a specific and sensitive intestinal inflammation marker providing excellent first line diagnostics of bowel diseases.

EliA™ Calprotectin offers a complete solution: from stool extraction to automated sample measurement.

Dilution	1:100		
Cut-off / measuring range	negative	positive	measuring range
	≤ 50 mg/kg	> 50 mg/kg	15 – ≥ 3000 mg/kg
Ordering information	Package size	Article No.	
EliA™ Calprotectin Well	4 x 12 wells	14-5610-01	

For more details, ask for the EliA™ Calprotectin product information brochure.

References:

- 1 Sutherland AD et al (2008). *Review of fecal biomarkers in inflammatory bowel disease. Dis Colon Rectum* 51:1283-1291
- 2 Tibble J et al (2000). *A simple method for assessing intestinal inflammation in Crohn's disease. Gut* 47: 506-513