



FOR OUTSIDE THE US AND CANADA ONLY

LIAISON[®] Calprotectin

Living better with the right diagnosis.
Fecal calprotectin test is an aid in the
diagnosis of inflammatory bowel disease.

GASTROINTESTINAL DISEASES



The Diagnostic Specialist



LIAISON® Calprotectin

Calprotectin in faeces is a marker used to help differentiate IBS (Irritable Bowel Syndrome) from IBD (Inflammatory Bowel Disease) and assess disease activity in IBD.

Calprotectin is a heterocomplex composed of the calcium and zinc binding proteins S100A8 and S100A9. It is resistant to enzymatic degradation, and can be easily measured in faeces and therefore ideal for direct detection by immunochemistry methods.

LIAISON® Calprotectin is the perfect solution for achieving fast, reliable and automated results both for diagnosis and follow up of patients.

Key Assay features

Number of tests	100	Time to first result	35 minutes
Method	Sandwich Quantitative	Integral on board stability	56 days
Solid Phase	MAB to Calprotectin Heterocomplex	Calibrators availability	2 Lyophilized
Sample volume	5 µl	Calibration stability	28 days
Measuring range: without dilution	5-800 µg/g	Additional Dilution	Integrated on board measuring range up to 8000 µg/g

Performance Characteristics

Method Comparison

A total of 164 stool samples were tested by the LIAISON® Calprotectin Assay and a commercial calprotectin assay. Results were analyzed relative to the respective assay cut-off values and are summarized in the table below.

LIAISON® Calprotectin Assay Concentration	Comparator Calprotectin Assay Concentration			Total
	< 50 µg/g (Normal)	50 – 120 µg/g (Borderline)	>120 µg/g (Abnormal)	
< 50 µg/g (Normal)	32	4	0	36
50 - 120 µg/g (Borderline)	4	28	2	34
> 120 µg/g (Elevated)	0	4	90	94
Total	36	36	92	164

Borderline considered Elevated (Abnormal)		95% Confidence Interval	
Positive Agreement	(124/128)	96.9%	(92.2% - 99.1%)
Negative Agreement	(32/36)	88.9%	(73.9% - 96.9%)
Borderline considered Normal		95% Confidence Interval	
Positive Agreement	(90/92)	97.8%	(92.4% - 99.7%)
Negative Agreement	(68/72)	94.4%	(86.3% - 98.5%)

Ordering information

LIAISON® Calprotectin	(code 318960)
LIAISON® Calprotectin Control Set	(code 318961)
LIAISON® Q.S.E.T. Device Plus	(code 319060)
LIAISON® Q.S.E.T. Buffer	(code 319135)

Please visit: www.diasorin.com for more information and updates

LIAISON® is a registered trademark of DiaSorin

Available on LIAISON® systems

Product availability subject to required regulatory approval

Diasorin S.p.A

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