

Stool testing

LIAISON[®] Calprotectin

The new standard in Calprotectin quantitation



DiaSorin

The Diagnostic Specialist

FOR OUTSIDE THE US AND CANADA ONLY

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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	Sample type	Stool
Extraction protocols	Device or weight	Platforms	LIAISON® and LIAISON® XL
Method	Sandwich Quantitative	Time to first result	35 minutes
Solid Phase	MAB to Calprotectin Heterocomplex	Device extraction reproducibility	<10%
Conjugate	Monoclonal Antibody to S100A9 Subunit	Integral on board stability	8 weeks
Label / Tracer	ABEI	Calibrators availability	2 Lyophilized
Sample volume	5 µl	Calibration stability	4 weeks
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 117 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		
	> 50 µg/g	≤ 50 µg/g	Total
> 50 µg/g	67	3	70
≤ 50 µg/g	0	47	47
Total	67	50	117

■ Ordering information

LIAISON® Calprotectin	(code 318960)
LIAISON® Calprotectin Control Set	(code 318961)
LIAISON® Q.S.E.T. Buffer	(code 319135)
LIAISON® Q.S.E.T. Device	(code 319050)

AVAILABLE ON **LIAISON®** SYSTEMS

Product availability subject to required regulatory approval

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