

Stool testing

LIAISON[®] *C. difficile* Toxins A&B

**The fully automated solution
for sensitive Toxins A and B detection**



DiaSorin

The Diagnostic Specialist

FOR OUTSIDE THE US AND UK ONLY

Stool testing

LIAISON® *C. difficile* Toxins A&B

Clostridium difficile is a gram positive, spore-forming bacillus that produces two exotoxins: toxin A and toxin B. These toxins are responsible for the diarrhea and inflammation seen in infected patients. Toxin A is an enterotoxin that can cause extensive mucosal damage and is an activator of mast cells and neutrophils, which trigger inflammatory mediators. Toxin B is a cytotoxin that is known to cause morphological changes in tissue culture cells.

■ Key Assay features

Number of tests	100
Method	Sandwich Qualitative
Solid Phase	Antibodies to Toxin A and B
Conjugate	Antibodies to Toxin A and B
Label	ABEI
Sample volume	200 µL

Sample type	Stool
Throughput	90 results / hour
Time to first result	40 minutes
Integral on board stability	8 weeks
Calibrators availability	2 lyophilized
Calibration stability	4 weeks

■ Performance Characteristics

A total of 370 stool samples were tested by LIAISON® *C. difficile* Toxins A and B assay and a commercial *C. difficile* Toxins A and B EIA assay.

LIAISON® <i>C. difficile</i> Toxins A&B	Commercial EIA assay		
	Positive	Negative	Total
Positive	77	11*	88
Equivocal	0	1	1
Negative	0	281	281
Total	77	293	370

Positive agreement	100%	95% CI (95.4-100%)
Negative agreement	95.6%	95% CI (93.0-97.6%)
Overall agreement	96.8%	95% CI (94.4-98.1%)

* 9 of 11 sample Positive by the LIAISON® *C. difficile* Toxins A and B assay and Negative by commercial EIA assay were Positive by molecular method.

■ Ordering information

LIAISON® *C. difficile* Toxins A&B (code 318900)

LIAISON® Control *C. difficile* Toxins A&B (code 318901)

Product availability subject to required regulatory approvals



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