

# Stool testing

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## LIAISON<sup>®</sup> *Rotavirus*

The fully automated solution for fast and reliable  
Rotavirus detection



DiaSorin

The Diagnostic Specialist

FOR OUTSIDE THE US AND UK ONLY

# Stool testing

## LIAISON® Rotavirus

*Rotavirus* is the most common cause of severe diarrhea among infants and children throughout the world and causes the death of about 500,000 children worldwide annually.

The name *Rotavirus* comes from the characteristic wheel-like appearance of the virus when viewed by electron microscopy (the name *Rotavirus* is derived from the Latin *rota*, meaning "wheel").

Today *Rotavirus* diagnosis is based on the direct detection of the virus in stool samples.

LIAISON® Rotavirus is the perfect solution for achieving fast, reliable and automated results.

### ■ Key Assay features

Number of tests	100
Method	Sandwich Qualitative
Solid Phase	Monoclonal Antibody to rotavirus VP6 protein
Conjugate	Polyclonal Antibody to VP6
Label / Tracer	ABEI
Sample volume	100 µl

Sample type	Stool
Throughput	90 results / hour
Time to first result	35 minutes
Integral on board stability	8 weeks
Calibrators availability	3 Lyophilized
Calibrator stability	3 weeks

### ■ Performance Characteristics

A total of 239 Stool samples were tested by the LIAISON® Rotavirus assay and a commercial Rotavirus ELISA assay. Results are summarized in the table below.

LIAISON® Rotavirus	Commercial Rotavirus EIA		
	Positive	Negative	Total
Positive	135	0	135
Equivocal	0	1	1
Negative	1	102	103
Total	136	103	239

Positive Agreement =	(135/136) 99.3%	95% CI (96.0–99.8%)
Negative Agreement =	(102/103) 99.0%	95% CI (94.8–99.8%)
Overall Agreement =	(237/239) 99.2%	95% CI (97.0–99.7%)

### ■ Ordering information

LIAISON® Rotavirus (code 318940)

LIAISON® Rotavirus Control set (code 318941)

Product availability subject to required regulatory approval

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