Stool testing
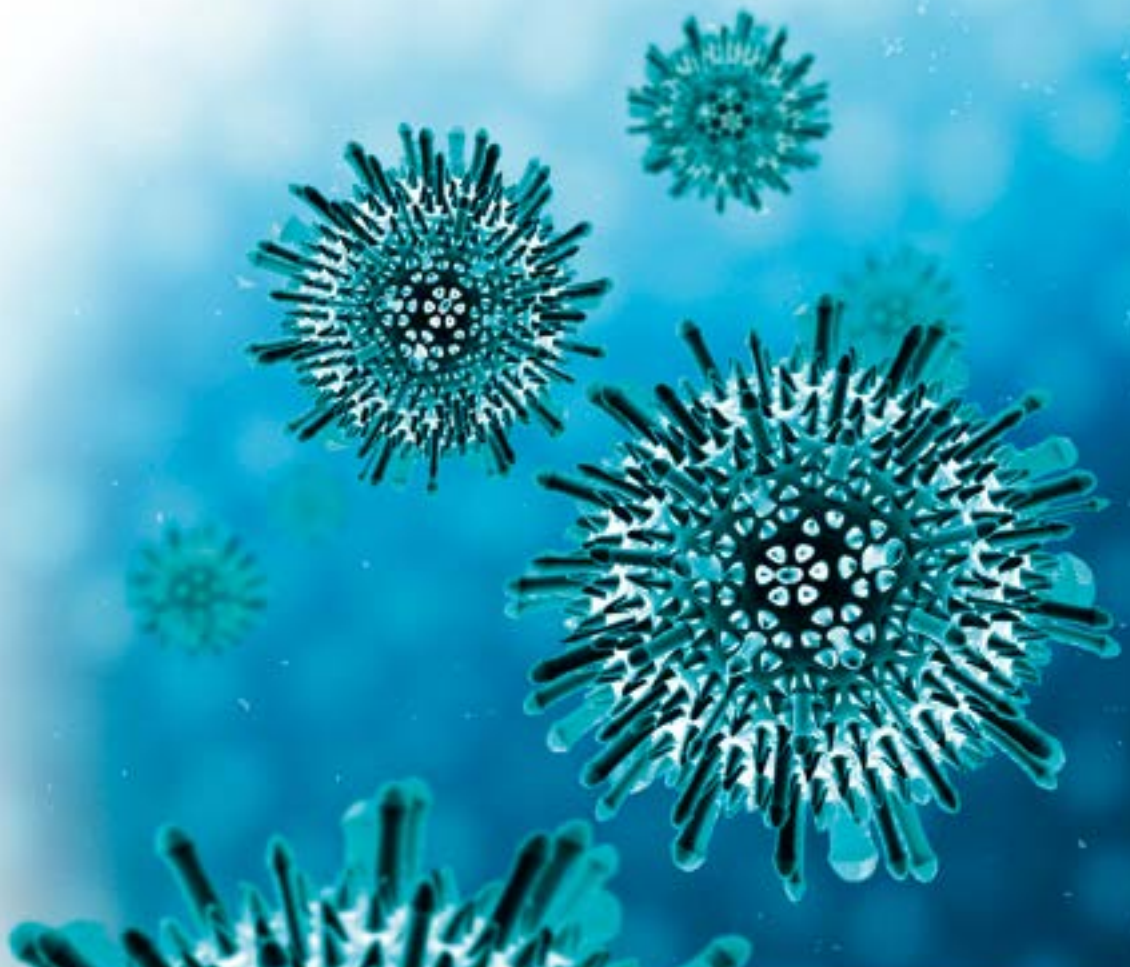
LIAISON® Adenovirus

The fully automated solution for fast and reliable Adenovirus detection

Stool testing

LIAISON® Adenovirus

Adenovirus is a double-stranded DNA virus that measures 70-90 nm and that has an icosahedral capsid. Possessing 52 serotypes, **Adenovirus** is recognized as the etiologic agent of various syndromes. Today **Adenovirus** diagnosis in stool is based on the direct detection of the virus in samples. The **LIAISON® Adenovirus** is the perfect solution for achieving fast, reliable and automated results.

■ Key Assay features

Number of tests	100	Sample type	Stool
Method	Sandwich Qualitative	Throughput	90 results / hour
Solid Phase	Monoclonal Antibody to Hexon antigen	Time to first result	35 minutes
Conjugate	Polyclonal Antibody to Hexon protein	Integral on board stability	8 weeks
Label / Tracer	ABEI	Calibrator availability	3 Lyophilized
Sample volume	100 μl	Calibration stability	4 weeks

■ Performance Characteristics

Method Comparison

A total of 188 Stool samples were tested by the **LIAISON® Adenovirus** assay and a commercial **Adenovirus ELISA** assay. Results are summarized in the table below.

LIAISON® Adenovirus	Commercial Adenovirus EIA			
	Positive	Equivocal	Negative	Total
Positive	41	0	0	41
Equivocal	0	0	0	0
Negative	1	0	146	147
Total	42	0	146	188

Positive Agreement =   (41/42)   97.6%   95% CI (87.7 - 99.4%)
Negative Agreement = (146/146)   100%   95% CI (97.5 - 100%)
Overall Agreement =   (187/188)   99.5%   95% CI (97.1 - 99.9%)

No Hook Effect on high viral charges

■ Ordering information

LIAISON® Adenovirus (code 318950)	LIAISON® Adenovirus Control set (code 318951)

AVAILABLE ON **LIAISON®** SYSTEMS

Product availability subject to required regulatory approval

The Diagnostic Specialist