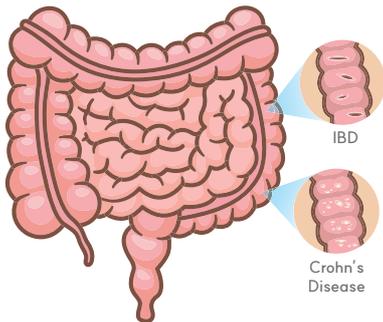




LUCI-R Calprotectin Test (Fecal Calprotectin)

Easy to Use

High Sensitivity & Specificity



Calprotectin

Calprotectin is a calcium-binding protein primarily derived from neutrophils. It is widely used as a reliable biomarker for assessing intestinal inflammation by measuring its stool concentration. Calprotectin levels increase significantly in inflammatory bowel disease (IBD), making it a valuable tool for the diagnosis and monitoring of various inflammatory conditions, including IBD, irritable bowel syndrome (IBS), Crohn's disease, and ulcerative colitis.

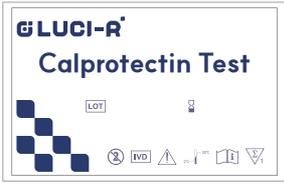
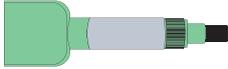
The LUCI-R Calprotectin Test utilizes an immunochromatographic method to detect calprotectin in stool samples. This method offers high sensitivity and specificity and is virtually unaffected by external interference. Furthermore, the kit can be stored at room temperature and is designed for easy and convenient use.

Product Specs

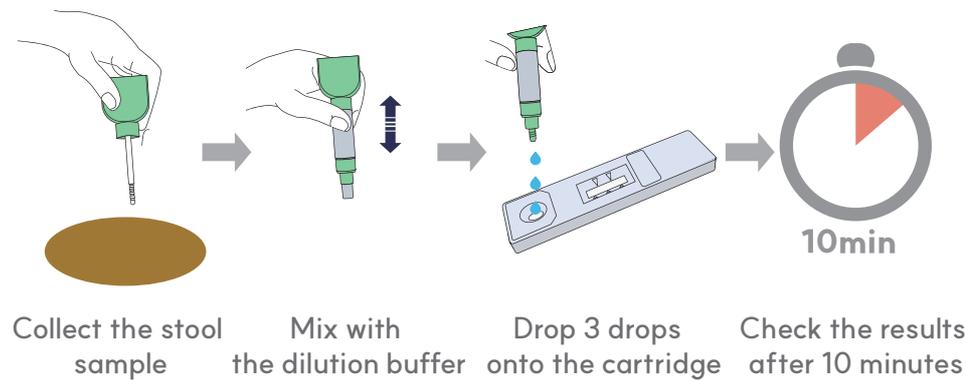
Sensitivity	98.00% (49/50)	Sample type	Stool
Specificity	97.09% (100/103)	Testing time	10 min
Storage	2-30°C	Exp.	24 month
Test type	Professional Use Only	Package	25 Tests / Box

Product Information

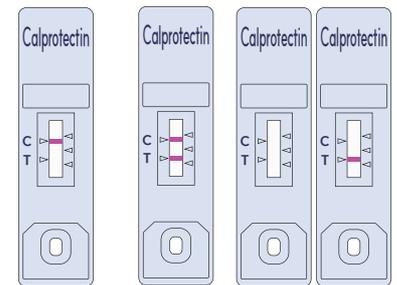
Δ Product Components

		
LUCI-R Calprotectin Cartridge	LUCI-R Calprotectin Buffer	Instruction

Δ Test Procedure



Δ Results



Negative Positive Invalid

Test Performance

[Result 1] Clinical performance of LUCI-R Calprotectin Test

LUCI-R Calprotectin Test	Result	95% CI
Limit of Detection	50 mg/Kg	-
Sensitivity	98.00%	89.39% - 99.95%
Specificity	97.09%	92.89% - 99.27%

[Result 2] Correlation evaluation between LUCI-R Calprotectin Test and a comparative medical device

Item	OPA*	PPA*	NPA*	PPV*	NPV*	Kappa*
LUCI-R Calprotectin Test	97.33%	96.08%	97.98%	96.08%	97.98%	94%

*OPA: Overall Percent Agreement / PPA: Positive Percent Agreement / NPA: Negative Percent Agreement / PPV: Positive Predictive Value / NPV: Negative Predictive Value / Kappa: Cohen's Kappa Coefficient

Ordering information

Model No.	Item	Composition	Type	Package
AMGH-03	LUCI-R Calprotectin Test	Cartridge, Dilution buffer, Instruction	Device	25 Tests/Box