

Calprest[®] NG

*The most accurate test
for fecal calprotectin*



CALPROTECTIN



EasyCal
Self Collection



Human Recombinant
Calprotectin



Extended
range



Improved patient
management



FDA
cleared

Calprest® NG

The new generation reference test for the quantitative detection of fecal calprotectin

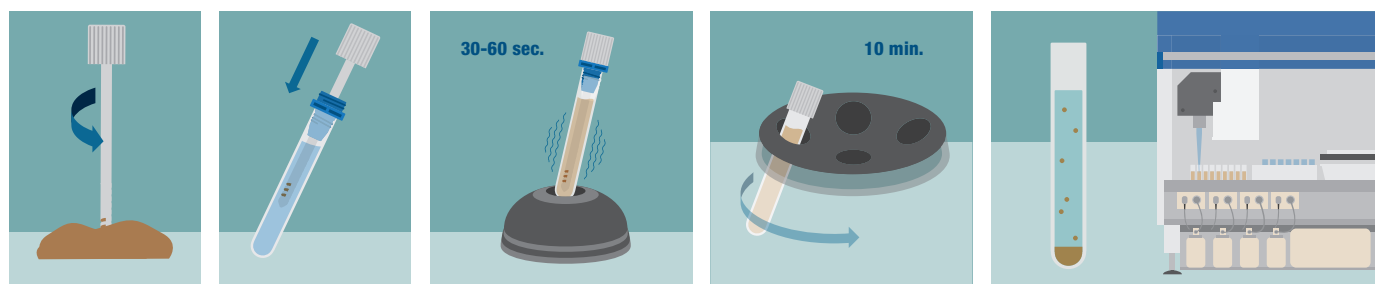
Calprotectin, a 36 kDa heterodimer belonging to the S100 family of proteins, is produced by polymorphonuclear cells, monocytes and epithelial cells, having proapoptotic, bacteriostatic and antimycotic properties. Calprotectin is secreted in the site of leisure or of infection in order to exert its functions. Thanks to its properties, in recent years calprotectin has become an important **marker of inflammation**. Calprotectin can be detected in various biological matrices such as plasma, serum, synovial fluid and feces, and its concentration is **proportional to the existing level of inflammation**.

Eurospital, following its experience in the design, production and marketing of diagnostic tests for the quantitative measurement of calprotectin, based on the the method developed by prof. Fagherol in 1992 (University of Oslo, Norway), is the first company to receive the **FDA clearance** in (anno) for the ELISA test Calprest. Calprest become the most widespread test for calprotectin detection throughout different countries, along the years has generated a continuous and increased awareness of the benefits for the patients and related cost savings for the health systems by both reducing the number of unnecessary endoscopies and, on the other hand, a better patient's management. Following the huge experience gained with Calprest, Eurospital develops **Calprest NG**, the new generation reference test for fecal calprotectin that supports the differential diagnosis of chronic Inflammatory Bowel Disease (IBD) from Irritable Bowel Syndrome (IBS), providing an accurate solution for calprotectin quantification and a clear status of the intestinal mucosa inflammation.

Calprest NG, thanks to its **extensive measuring range** up to 3,000 µg/g, allows the correct clinical identification of IBD patients together with the precise monitoring of IBD patient's clinical course in order to prevent clinical relapse and adapt the therapeutic approach. Moreover, the use of **human recombinant calprotectin** ensures higher stability and enhanced precision to achieve more reliable performances, making **Calprest NG** the **most accurate** and **non-invasive** test for fecal calprotectin detection on the market.

EasyCal®: ready-to-use preanalytical fecal extraction device

Calprotectin is extracted from fecal specimens by using **EasyCal**, the **ready-to-use** fecal extraction device **EasyCal** is also validated for self collection. The length of **EasyCal**'s collection stick minimizes the risk of user's contamination, while the diagonal grooves allow to work with all kind of sample consistencies, from the most liquid to the most solid. The extraction protocol consists of just a few simple steps, providing users with an analyzable fecal extract in just a few minutes. **EasyCal** tubes containing the fecal extract can be then loaded directly into the ELISA analytical instrument.



1. Collection of fecal specimen with the stick.

2. Insertion of the stick into the tube through the filtering funnel.

3. Vortexing for 30-60 seconds.

4. Removal of the stick and funnel and centrifugation for 10 minutes or left to sediment for 20 minutes.

5. Loading of EasyCal tube directly into the ELISA analytical instrument.

Unique features

Extended measuring range

- Measuring up to 3,000 µg/g
- Identification and monitoring of IBD patients

Human recombinant calprotectin for calibrators and controls

- Higher intra-batch reproducibility
- Higher stability
- Better precision

The gold standard for fecal calprotectin

- First IVD test to get FDA clearance
- Worldwide accepted reference range for IBD/IBS discrimination

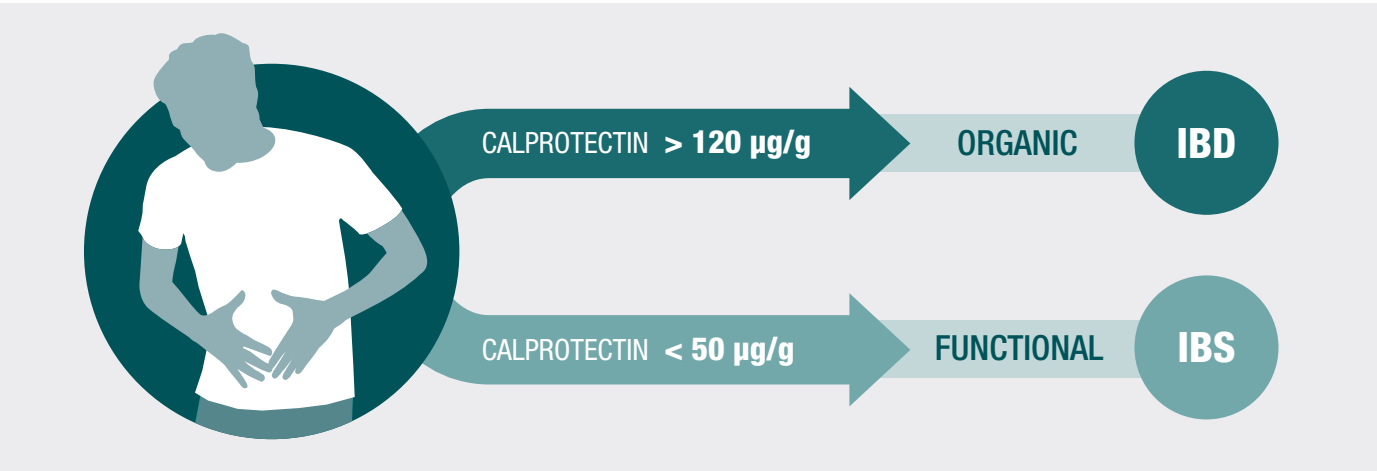
Dedicated **EasyCal** fecal extraction device

- Highly standardized for reproducible sampling
- Ready-to-use device with pre-filled extraction solution
- Loadable directly into analytical instruments
- **EasyCal** validated for self collection

Interpretation of results

Calprotectin cut-off values from fecal specimens for the identification of IBD patients:

CALPROTECTIN CONCENTRATION	INTERPRETATION	FOLLOW-UP
< 50 µg/g	Subject with no intestinal inflammation	No invasive evaluation required
50-120 µg/g	Borderline subject	Re-evaluation of the subject after 2-4 weeks
> 120 µg/g	Subject with intestinal inflammation	Further clinical investigations required for the identification of the corresponding pathology



Performance

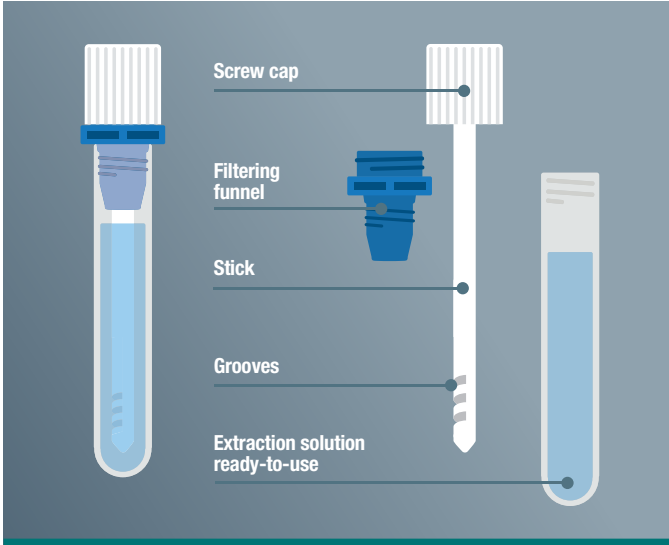
Sensitivity	94.6%	Specificity	90.2%
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Calprest NG configuration



Calprest NG

96 tests
Ref. 9069



EasyCal

100 devices
Ref. 9062

CE IVD Marked



More information and scientific references on:
www.calprotectintest.com

Eurospital SpA

Via Flavia 122, 34147 Trieste, Italy

Phone +39 040 8997.1 - Fax +39 040 280944

www.eurospital.com - info@eurospital.it