

IMPROVED *in vitro* diagnostic immunoassay for measurement of Calprotectin in stool...



DRG:HYBRiD-XL®

Fully-automated analyzer for enzyme immunoassays & clinical chemistry

... for the DRG:HYBRiD-XL® platform

ADVANTAGES of the improved test format:



Better sensitivity: limit of quantification (LoQ) improved by almost 80%



Mean repeatability (within-run precision) improved by more than 20% over the entire measuring range



Traceability to C€-certified reference material

Why test for Calprotectin?

Fecal Calprotectin is a clinical biomarker for acute inflammation in general, neoplastic and inflammatory gastrointestinal diseases:

- Differentiation between **inflammatory bowel disease (IBD)** and **irritable bowel syndrome (IBS)**
- Assessment of **inflammatory activity** in **Morbus Crohn** and **ulcerative colitis** patients
- Differential diagnosis of **chronic diarrhea**.

Up to 40% of patients with IBD have the same symptoms as patients with IBS. Therefore, **differential diagnosis between IBD and IBS is important**. Calprotectin is a protein that is found in much higher concentrations in stool than in blood. Calprotectin concentration in stool is much higher in IBD than in IBS, which makes it an extremely useful, non-invasive diagnostic tool for the differential diagnosis of inflammatory gastrointestinal diseases.

BENEFITS - Calprotectin for DRG:HYBRiD-XL®

- **Fully automated immunoassay** for the quantitative determination of Calprotectin in stool
- **Easy, hygienic, and fast handling** of stool samples with Fecal Extraction System (FES)
- **Non-invasive** test method for patients
- **Excellent clinical significance** of results
- **Validation** according to CLSI guidelines

Catalog # HYE-5767

Have questions?

Drop a comment at drg@drg-diagnostics.de or visit our website at drg-diagnostics.de for more information about our tests.



+49(0)6421/1700-0



drg@drg-diagnostics.de



Frauenbergstrasse 18
35039 Marburg
Germany