



CALPROTECTIN - Test Code 2001



Turnaround Time: 3-5 business days



Specimen Type: Stool Kit

Description

Calprotectin is a protein used to assess inflammation in the gastrointestinal (GI) tract. Elevated calprotectin levels can indicate conditions such as Inflammatory Bowel Disease (IBD), including Crohn's disease and ulcerative colitis, which involve immune system attacks on the intestines (Khaki-Khatibi et al., 2020). This non-invasive stool test is particularly useful in distinguishing IBD from Irritable Bowel Syndrome (IBS) (Khaki-Khatibi et al., 2020).

IBD is an autoimmune condition where immune dysregulation leads to severe inflammation of the GI tract. IBS, on the other hand, is a functional disorder with little or no inflammatory component (Khaki-Khatibi et al., 2020). One type of IBD includes Crohn's Disease, which can affect any part of the GI tract and lead to complications like ulcers, fistulas, blockages, and Ulcerative Colitis, which primarily affects the colon (Khaki-Khatibi et al., 2020).

This test helps distinguish between active IBD and IBS and predicts relapses in IBD patients (Khaki-Khatibi et al., 2020). It is also valuable for monitoring the effectiveness of treatment in managing IBD. For patients experiencing GI symptoms, the Calprotectin Test offers a reliable, non-invasive option for evaluating intestinal health.

Whats included?

- Calprotectin

Conditions and Symptoms

- Persistent diarrhoea
- Abdominal pain
- Fatigue
- Blood in stool
- Unexplained weight loss
- Fever
- Anaemia
- Family history of Inflammatory Bowel Disease (IBD)
- Monitoring diagnosed IBD

Complementary Testing

- CDSA Level 1 (Test Code 2003)
- Faecal Occult Blood (Test Code 2020)
- Iron Studies (Test Code 6009)

Accreditations Include:

- NATA ISO 15189 – Requirements for Quality and Competence in Medical Laboratories*
- CLIA – Clinical Laboratories Improvement Amendments*



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*See NATA and CLIA website for further details