



Fecal Calprotectin Test Service

Background

- The amount of measured fecal calprotectin is proportional to the inflammation in the intestine.
- It is stable at room temperature and can be easily measured in stools using various assays.
- Private stool fecal calprotectin service is now available at the Center for Digestive Health (CDH).

Indication

Fecal calprotectin may be useful in the following situations:

- Distinguishing inflammatory bowel disease (IBD) from functional gastrointestinal disease.
 - May be used as a screening test.
 - Patients with negative fecal calprotectin is unlikely having IBD and may not require endoscopy.
- Monitoring of inflammatory bowel disease.
 - Good correlation with endoscopic activity.
- Post-operative monitoring of Crohn's disease.
 - Good correlation with endoscopic activity.

Referral

- Referral forms can be obtained from CDH website.
(https://www.digestivehealth.org.hk/en_us/medical-news/mediated/)
- Patient will bring the referral form to CDH.
- Stool container will be given to patient at CDH.
- Patient will return the stool sample to CDH for analysis.

Reporting

- Report will be returned to both patient (by mail) and doctor/clinic (by fax).
- Reference range and its implications will be included in the report.

Price:

Test	Price
Fecal Calprotectin (Single Test) – Discounted package + FIT	HK\$1,500 +HK\$100(FIT)
Fecal Calprotectin (4 Tests a Year) – Discounted package + FIT	HK\$5,000 +HK\$100(FIT)

References:

1. Van Rheenen, Patrick F., Els Van de Vijver, and Vaclav Fidler. "Faecal calprotectin for screening of patients with suspected inflammatory bowel disease: diagnostic meta-analysis." *Bmj* 341 (2010): c3369.
2. Roberts, R. L., et al. "Confirmation of association of IRGM and NCF4 with ileal Crohn's disease in a population-based cohort." *Genes and immunity* 9.6 (2008): 561-565.
3. Schoepfer, Alain M., et al. "Fecal calprotectin correlates more closely with the Simple Endoscopic Score for Crohn's disease (SES-CD) than CRP, blood leukocytes, and the CDAI." *The American journal of gastroenterology* 105.1 (2010): 162-169.
4. Qiu, Yun, et al. "Fecal calprotectin for evaluating postoperative recurrence of Crohn's disease: a meta-analysis of prospective studies." *Inflammatory bowel diseases* 21.2 (2015): 315-322.