

BÜHLMANN IBDoc[®] references

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“The performance of the smartphone-based IBDoc home testing system is comparable to professional, laboratory based methods”. Uses BÜHLMANN IBDoc and BÜHLMANN fCAL[®] ELISA
- Parr *et al* Poster at BSG 2016 PTH-054. Home-testing of faecal calprotectin using the IBDoc[™] system: a comparative pilot study
“85% of respondents preferred the IBDoc test over other methods”. Uses BÜHLMANN IBDoc and BÜHLMANN fCAL[®] ELISA
- Elsafi. G *et al* UEGW 2017. Cost effective of IBDoc as a surrogate marker of mucosal healing in IBD patients post induction of biological agents.
“In total 53 clinical visits and 62 colonoscopies were saved..... this study demonstrate a significant cost effectiveness of using IBDoc faecal calprotectin post induction of anti-TNF therapy as well as reducing the waiting time for both clinic visits and colonoscopies”. Uses BÜHLMANN IBDoc
- Raker. J *et al* ECCO 2017 P599. Home testing for faecal calprotectin: follow-up results from the first UK trial.
“A negative fCAL (<100µg/g) by either method is a useful test to exclude a flare within four months.....” Uses BÜHLMANN IBDoc and BÜHLMANN fCAL[®] ELISA
- Fitzgerald. D *et al*. ECCO 2017 N804. An evaluation of patient satisfaction with IBDoc calprotectin home test system.
“Calprotectin home testing using a smartphone as measuring system was very well received among the tested users (100% satisfaction). IBDoc offers patient empowerment for IBD patients who can remotely monitor their disease from the convenience of their own home”. Uses BÜHLMANN IBDoc
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“80% of all paired measurements were concordant”. Uses BÜHLMANN IBDoc and BÜHLMANN fCAL[®] ELISA
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“the results of the home fecal calprotectin test (IBDoc) correlate well with values-ranges obtained using conventional lab-based calprotectin test. Smart-phone based fecal calprotectin test may be a useful patient-friendly tool for monitoring of IBD patients at home, with minimal interference to their routine.” Uses BÜHLMANN IBDoc and BÜHLMANN Quantum Blue[®] fCAL
- Hejl. J *et al* 2017 *Practical Laboratory Medicine*. Point of care testing of fecal calprotectin as a substitute for routine laboratory analysis.
“We found a strong correlation coefficient of 0.887 between FC measured on IBDoc[®] and the laboratory assay BÜHLMANN fCAL[®] turbo”. Uses BÜHLMANN IBDoc and fCAL turbo[®]

- Heida. A *et al Clinical Gastroenterology and Hepatology* 2017. Agreement between home-based measurement of stool calprotectin and ELISA results for monitoring Inflammatory Bowel Disease Activity.

“Spearman’s rank correlation coefficient was 0.94 for results obtained by IBDoc vs Quantum Blue and 0.85 for results obtained by IBDoc vs ELISA”. Uses BÜHLMANN IBDoc, BÜHLMANN fCAL ELISA and BÜHLMANN Quantum Blue® fCAL
- Bello. C *et al Digestive and Liver Disease* 2017. Usability of a home-based test for measurement of fecal calprotectin in asymptomatic IBD patients.

“Usability scores for the home-based test were high. There was a very good correlation with the centrally measured FC by ELISA”. Uses BÜHLMANN IBDoc
- Avery. P *et al ECCO* 2018. IBDoc self-care/Point of care Calprotectin Test: Early value in a district general hospital IBD service.

“IBDoc adds value to patient care; it enhances the patient’s journey allowing quick treatment decisions to be made saving at least one hospital admission during this small trial”. Uses BÜHLMANN IBDoc
- Wei. S *et al ECCO* 2018. Patient’s performance and feedback using home test faecal calprotectin as an objective reported outcome.

“Correlation between the Quantum Blue test and the IBDoc results was good. Patients preferred to use the home test system for their disease monitoring”
- Moore. A *et al ECCO* 2018. Home based faecal calprotectin testing. A Canadian user performance evaluation study of IBDoc.

“FC measurements produced by patients with IBDoc were strongly correlated with the standard FC ELISA measurements. Patients found the IBDoc home kit easy to use and a product they would like to use in the future”
- Walsh. A *et al ECCO* 2018. New defined calprotectin cut-off points for remission and active disease defined by UCEIS and Nancy indices in ulcerative colitis.

Uses BÜHLMANN IBDoc
- Wei. S *et al Intestinal Research Journal* 2018. Experience of patients with inflammatory bowel disease in using a home fecal calprotectin test as an objective reported outcome for self-monitoring.

“96% of patients were satisfied with the home test.... And 71% of patients preferred the home test method to monitor their disease condition” Uses BÜHLMANN IBDoc and BÜHLMANN Quantum Blue® fCAL
- Heida. A *et al. J of Gastroenterology and Hepatology* 2017. Agreement Between Home-Based Measurement of Stool Calprotectin and ELISA Results for Monitoring Inflammatory Bowel Disease Activity

“We found sufficient agreement between the home used lateral flow test and the hospital-based ELISA test in the lower ranges of calprotectin to use this new test for telemonitoring of patients with asymptomatic IBD” Uses BÜHLMANN fCAL® ELISA , Quantum Blue® fCAL and IBDoc®
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- Haisma. S *et al* ECCO 2019. Head-to-head comparison of three stool calprotectin tests for home use. “The *IBDoc* smartphone application out-performed the others in terms of error-friendliness and system usability”



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