CALEX® Cap Collection Set

Fecal Extraction Home Kit

Minimise Preanalytics Maximise Workflow





Calprotectin and p-Elastase in one patient prepared tube

Lab Safety:

- Outsourcing stool extraction to patient's home
- Only extracted material enters lab. Protection from infectious agents (e.g. viruses, bacteria) in stool

Efficiency and Speed:

- Ready to use fecal extracts with BÜHLMANN assays
- Optimization of fecal testing workflow, reduced work load

Reliability:

- CALEX® correlates to gold standard manual extraction
- CALEX® has very high patient usability scores

BÜHLMANN

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CALEX® Cap Collection Set Unique Features

1. Lab Safety

Laboratories are in need of highest possible safety when handling potentially infectious materials for analysis. This is especially true in COVID-19 pandemic times. The CALEX® Cap system offers a very useful solution when it comes to handling samples for fecal calprotectin and p-elastase, **outsourcing the extraction step of stool to the patient's home**, similarly as already routinely performed for FIT testing. A simple to use patient kit that includes a buffer filled CALEX® Cap tube containing viricide and bactericide components, stool collection sheets, a user guide and plastic bag with patient label, allows for the sample to be safely sent or brought to lab collection sites and hospitals for further logistics and analysis. CALEX® Cap is the only stool extraction tool for calprotectin that has a certification for safe land and air transportation by IATA 650 (UN3373). By the time the sample arrives to the lab, the stool is already successfully extracted and contained in the sealed CALEX® Cap tube for minimal handling prior to analysis.

Keep stool samples out of the lab!

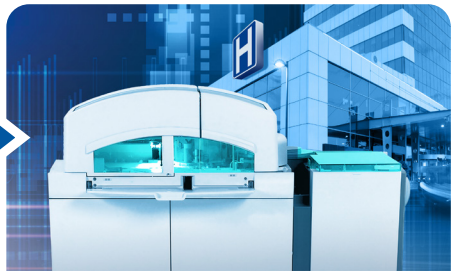
2. Efficiency and Speed



1 Extraction at home using CALEX Cap®



2 Transportation to lab



3 Measurement of extract with BÜHLMANN assays

Finally the perfect preanalytic setup is accomplished. Readily extracted patient stool sample in a closed CALEX® Cap safely reaches the lab. Stability of calprotectin in extract allows for flexible transportation times. No stool handling by laboratory personell required anymore, all ready and set to go on any BÜHLMANN calprotectin or p-Elastase test available in the lab. **This CALEX® Cap collection set in combination with BÜHLMANN immunoassays guarantees improved safety for lab technicians, immensely increased workflow speed and minimizes hands on time by skippig the handling of raw stool and finally means significant cost savings for the laboratory.**

Revolutionize your lab workflow for fecal calprotectin and elastase testing!

3. Reliability

The CALEX® Cap collection set now also brings the collection and extraction part of the preanalytics to the patient`s home. The test procedure is then performed in the lab. The BÜHLMANN CALEX® extraction is highly comparable to the gold standard manual extraction (see Fig 1). Home stool extraction with CALEX® tools for reliable calprotectin determinations comparable to lab procedures has already been scientifically proven within the calprotectin home test IB*Doc*®. **Last but not least, CALEX® home extraction is reliably performed and has high usability scores from patients.**

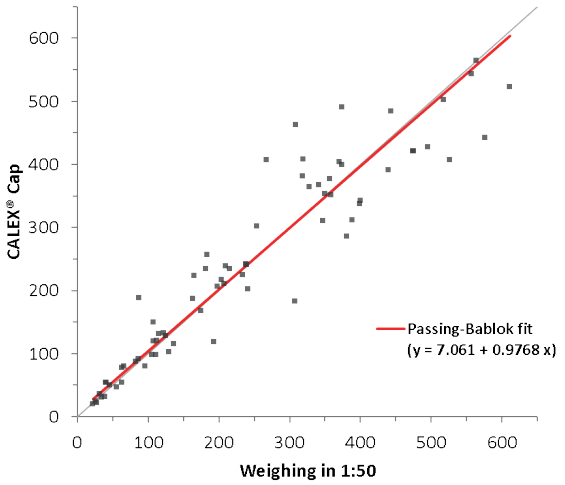


Figure 1: Comparison of CALEX® Cap and the gold standard manual extraction. $r^2 = 0.9$

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B-CALEX-CCSET25

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