











Add value to clinical research with  
**CalproSmart rapid home test**  
 for fecal Calprotectin

**The simplest test on the market for a self test for Calprotectin providing quantitative results. CalproSmart test is used by the patient themselves and by following the guidance and capturing the image from the test cassette using a mobile phone with CalproSmart app. This all is available free of charge for both Android and iPhone.**

- Easier identification of subjects in flare
- Increased adherence to protocol
- No sample handling for investigators
- Increased data set for studies

			
<20 min run time 4 simple steps	Range: 70-1500mg/kg Color-coded presentation	Correlation with CalproLabELISA: R2=0,875	Sensitivity: 94% Specificity: 78%
			
12+month shelf life	Cloud storage EU GDPR compliant	Open API to connect to HIS, databases and apps	CAL230: 3 tests CAL240: 4 tests CAL250: 5 tests

**Disclaimer:**

*CalproSmart is not a FDA approved device, and can thus be only used for clinical research in the US market.*

# How does it work?

## CalproSmart – the future of clinical trials

Intended for home and clinic use, CalproSmart is a great tool to be used in studies and clinical trials. For CROs and pharma, the test provides several great benefits, of which some are:

- Easier identification of test subjects in flare/ relapse
- Larger amount of data through continuous monitoring
- Increased subject adherence to the program
- Reduced handling of fecal samples by the investigators
- No need for the subjects to send in physical samples – the test is performed at home
- Reduced handling of fecal samples by the investigators

### THE TEST:

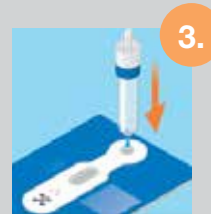
CalproSmart test is the simplest test on the market for a self test for Calprotectin that provides quantitative results. The procedure can be split into 4 parts:



1. Easy sampling with the sampling rod from extraction device



2. Extraction is done by shaking the tube for 3 min



3. Sample is applied to the test cassette and run for 15 min






4. A picture is taken with the mobile phone app to read the cassette

### RESULTS AND THEIR INTERPRETATION

CalproSmart provides quantitative results in the range 70-1500 mg/kg.

The results are also represented as color-coded categories:

Value (mg/kg):	Indication	Color-code
<200	Mild	Green 
200-500	Moderate	Yellow 
>500	Severe	Red 

The values can be changed according to need.

All results are sent directly to web portal, while email is sent to treating physician or investigator. Results are stored in portal, and can also be exported or passed on to other platforms and databases through various levels of integration.



### THE WEBPORTAL

This is the backbone of the test, where both users and patients are registered. All submitted results can also be viewed here. The web portal is online portal accessible from any computer or device with internet access, and access is gained through personalized user accounts.



### THE APP

CalproSmart test is used by the patient by following the guidance and capturing the image from the test cassette using a mobile phone with CalproSmart app. This all is available free of charge for both Android and iPhone.

The app has a step by step guide with images and description in local languages to ensure that the patient performs the test according to the protocol.