

BÜHLMANN fCAL[®] turbo

Immuno turbidimetric fecal CALPROTECTIN Assay

Speed, Quality
and Flexibility
in Calprotectin
Quantification

Flexible turbidimetric assay
applicable on all major clinical
chemistry platforms

- Random access
- Time to result: 10 min
- Range: 20 - 8000 µg/g

Based on the established
BÜHLMANN standard

CALEX[®] Cap - device for
comfortable stool extraction

MF059ML-02 E

BÜHLMANN fCAL® turbo

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Description	Ordering Code	Content
Reagent Kit (~200 tests)	B-KCAL-RSET	R1 35 ml R2 7 ml
Calibrator Kit	B-KCAL-CASET	6 levels, 1 ml each; Ready to use
Control Kit	B-KCAL-CONSET	3x2 levels, 1 ml each; Ready to use

The new **BÜHLMANN fCAL® turbo** is a turbidimetric immunoassay based on the standardization of the BÜHLMANN fCAL® ELISA, which is globally established in laboratories as gold standard calprotectin measurements.

The technology of immunoturbidimetry implements a further milestone in fecal calprotectin quantification. It allows very rapid and flexible random access use, as well as being the ideal solution for high throughput applications in the routine laboratory.

The assay can be applied on all automated platforms in clinical chemistry and allows short turn-around time from stool sample to reportable result.

Method	Particle-enhanced turbidimetric immunoassay (PETIA)
Sample Type	Fecal extracts
Kit Format	2 reagents; wedge bottles for direct loading on many platforms Reagents last for ~200 tests; platform dependent
Sample Preparation	CALEX® Cap extracts can be used directly without additional dilution
Reagent on Board	Stable for at least 60 days
Calibration	Stable for up to 60 days
Calibration Range	0-2000 µg/g
Measuring Range	20-8000 µg/g
Sample Volume	~10 µl Extract (1:500)
Time to Result	~10 min CALEX® Cap Extraction ~12 min
Applicable	on all major platforms
Product Release	November 2015

BÜHLMANN CALEX®



The combination of the test with the **BÜHLMANN CALEX® Cap extraction device** strongly simplifies the cumbersome procedure for stool pre-analytics and is adapted to the use on clinical chemistry analyzers. No additional pipetting and manual dilution steps are required anymore.

Available from



Alpha Laboratories Ltd.
40 Parham Drive
Eastleigh, Hampshire
SO50 4NU, UK

Tel: +44 (0) 2380 483000
Fax: +44 (0) 2380 643701
Email: sales@alphalabs.co.uk
Web: www.alphalabs.co.uk

Ordering codes:

KK-CAL	BÜHLMANN fCAL® turbo Kit
B-KCAL-RSET	BÜHLMANN fCAL® turbo Reagent Kit
B-KCAL-CASET	BÜHLMANN fCAL® turbo Calibrator Kit
B-KCAL-CONSET	BÜHLMANN fCAL® turbo Control Kit

