

CerTest
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CerTest Turbilatex



A quantitative immunological latex method

Calprotectin Turbilatex

_Calprotectin Turbilatex®

Calprotectin is a neutrophil cytosolic protein with antimicrobial properties, present at increased concentration in stool samples during bowel inflammation. The resistance of the protein to degradation keeps it stable in faeces for up to 7 days at room temperature, making it an ideal analyte.

Calprotectin is released by activation of leukocytes, giving increased levels in plasma, cerebral spinal fluid, synovial fluid, urine or stools as a consequence of disease in the relevant organ(s). **As it is non-invasive marker of inflammation, determination of calprotectin can be useful in the diagnosis of Ulcerative Colitis (UC) and Crohn's Disease (CD).**

Calprotectin has been proven as an excellent surrogate marker in the diagnosis of Intestinal Bowel Diseases (IBD) and helps therefore to reliably select patients for further invasive diagnostic procedures.

CerTest Calprotectin Turbilatex® is a quantitative assay for the determination of human calprotectin in stool samples. It offers a simple, highly sensitivity and non-invasive screening assay to determine intestinal inflammatory activity, monitor treatment response and predict risk of relapse.



Measurement of faecal **Calprotectin** would represent a surrogate marker of neutrophil influx into the bowel lumen and in turn, act as a marker of intestinal inflammation.

Product specifications

Calprotectin Turbilatex®	
Sensitivity (%)	94 ⁽¹⁾
Specificity (%)	> 99 ⁽¹⁾
Cut-off value (in dilution)	500 ng/mL
Cut-off value (in faeces)	50 µg/g
Main interferences	None

(Cut-off value can be modified according to laboratory needs.)

⁽¹⁾ Results obtained against a similar reference product in the market



References	Description
TL-022CP100ED	Calprotectin Turbilatex Combo kit 100 det.
TL-022CP200ED	Calprotectin Turbilatex Combo kit 200 det.
TL-022CP03E	Calprotectin Turbilatex Sample diluent



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One step ahead

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