

Calprotectin detection kit

CerTest
BIOTEC



Pathology and product description

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

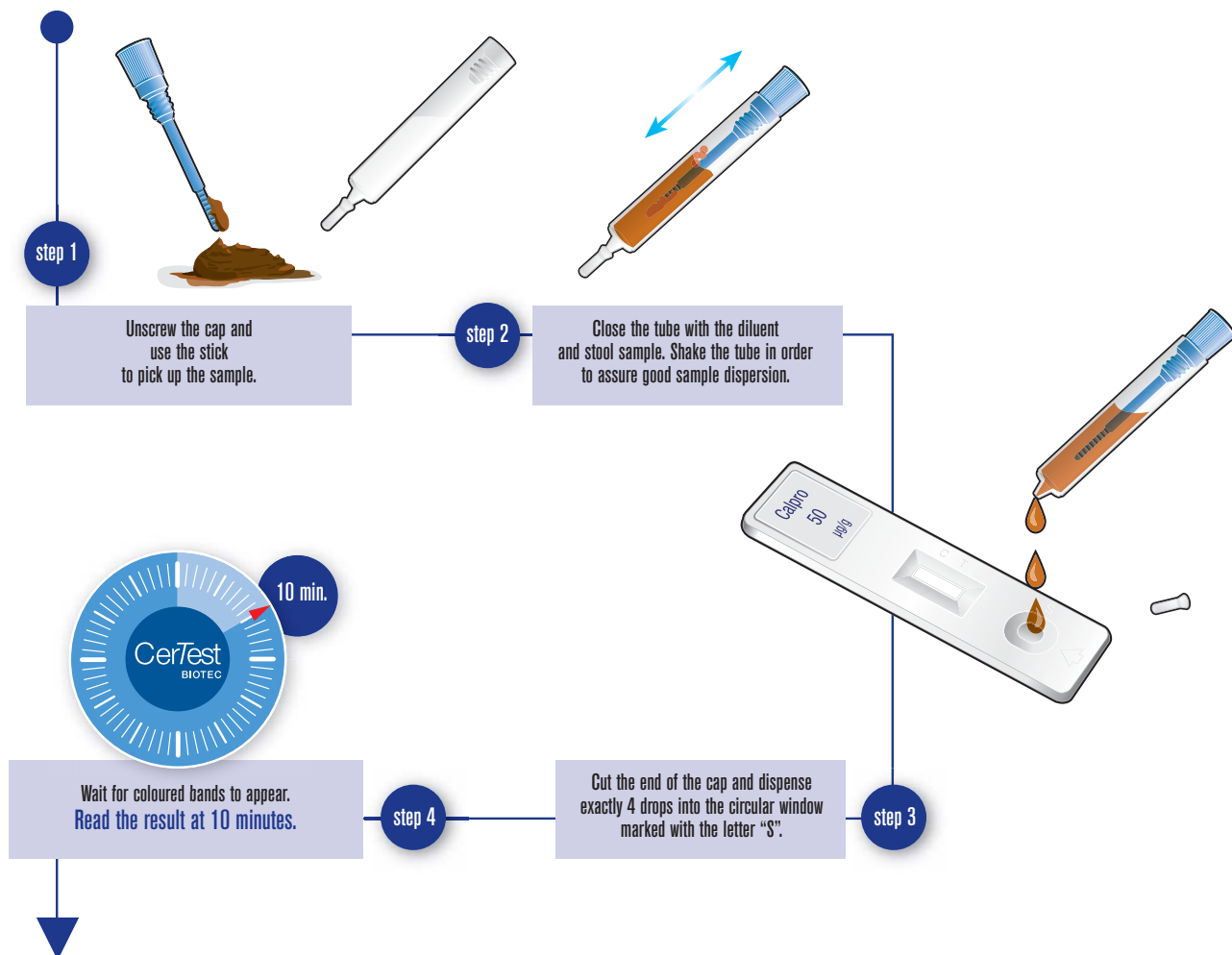
marker of inflammation, determination of calprotectin can be useful in the diagnosis of Ulcerative Colitis (UC) and Crohn's Disease (CD).

CerTest Calprotectin card test is a semi-quantitative immunochromatographic 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.



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Test procedure



Interpretation of the results



Clinical Sensitivity and Specificity

	Sensitivity	Specificity	VPP	VNP
CerTest Calprotectin vs. Calprest®	>94%	93%	>94%	93%



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