Medix Biochemica

Recombinant Calprotectin S100A9, 50 µg

Catalog number	710019
Description	Recombinant human S100 calcium binding protein A9 antigen is produced by <i>E. coli</i> expression system and the target gene encoding Thr2-Pro114 is expressed. Predicted molecular weight: 13 kDa
Amino acid sequence	TCKMSQLERNIETIINTFHQYSVKLGHPDTLNQGEFKELVRKDLQNFLKKE NKNEKVIEHIMEDLDTNADKQLSFEEFIMLMARLTWASHEKMHEGDEGPG HHHKPGLGEGTP
Product host	Escherichia coli (E. coli)
Product formulation	Lyophilized
Product buffer solution	PBS, pH 7.4
Reconstitution	Reconstitute lyophilized protein with 100 μ l of deionized water
Storage at	-20 °C
Analyte description	Calprotectin belongs to the family of S100 proteins and is composed of two subunits S100A8 and S100A9. Increased plasma concentrations are found in response to infections and inflammation. Fecal calprotectin measurement is used for detection of gastrointestinal inflammation or neoplasia and for assessment of inflammatory bowel disease activity and response to treatment.
Product concentration	0.5 mg/ml when reconstituted with 100 μ l of deionized water
Purity	SDS-PAGE > 90 % 120kD 90kD 60kD 40kD 30kD 20kD 14kD MK B N
Antibodies tested	Anti-h Calprotectin 3403: + Anti-h Calprotectin 3404: - Anti-h Calprotectin 3405: - Anti-h Calprotectin 3406: - Anti-h Calprotectin 3407: -



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