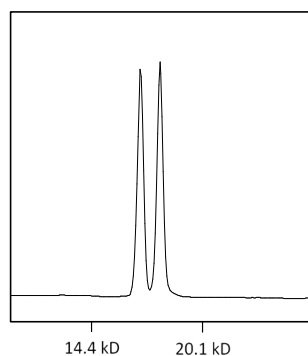


Product specifications

Name	Recombinant Calprotectin antigen, 100 µg
Description	Recombinant human calprotectin heterotetramer (S100A8/S100A9) protein with an N-terminal histidine tag in the S100A8 subunit. Predicted molecular weights: S100A8 12 kDa, S100A9 13 kDa.
Amino acid sequence	Not Determined (N/D)
Product host	<i>Escherichia coli (E. coli)</i>
Product code	610061
Product formulation	Lyophilized
Product buffer solution	Lyophilized from 20 mM Tris-HCl, 100 mM NaCl, 1 mM EDTA, pH 8.0; containing 6 % sucrose as a stabilizer
Reconstitution	Reconstitute the lyophilized protein with deionized water
Shelf life and storage	24 months for lyophilized product, storage at 2-8 °C. After reconstitution 1 month at 2-8 °C and 1 month at -20 °C. Reconstituted product is recommended to be stored in plastic (PP) containers.
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	N/A
Purity	Capillary electrophoresis (CE-SDS)



Reactivity with MedixMABs

Anti-h Calprotectin 3403: +
Anti-h Calprotectin 3404: +
Anti-h Calprotectin 3405: +
Anti-h Calprotectin 3406: +
Anti-h Calprotectin 3407: +

