PRODUCT SPECIFICATIONS

Name: Recombinant Calprotectin S100A8, 50 µg

Description: Recombinant human S100 calcium binding protein A8 antigen is produced by E.coli expression system and the target gene encoding Met1-Glu93 is expressed with a 6His tag at the C-terminus. Predicted molecular weight: 14 kDa.

Amino acid sequence: MLTELEKALNSIDVYHKYSILKGMNFHAVYRDDLKKLLTECPQYIRKKGADVWFKELDINTDGVNFQEFILVIMGVAAHKKSHEESHHEHHH

Production host: Escherichia coli (E. coli)

Product code: 710018

Product formulation: Lyophilized

Product buffer solution: 20 mM HEPES, pH 7.4, 150 mM NaCl

Reconstitution: Reconstitute lyophilized protein with 100 µl 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. Faecal 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 µl of deionized water

Purity: SDS-PAGE > 90 %

Reactivity with MedixMABs:
- Anti-h Calprotectin 3403: -
- Anti-h Calprotectin 3404: +
- Anti-h Calprotectin 3405: +
- Anti-h Calprotectin 3406: +
- Anti-h Calprotectin 3407: -

Legal disclaimer
Medix Biochemica products meet their specifications if transported, stored and used according to the instructions. MedixMAB is a registered trademark of Medix Biochemica and may not be used or reproduced without Medix Biochemica’s written permission.

Oy Medix Biochemica Ab
Headquarters and manufacturing
Klovinpellontie 3
FI-02180 Espoo, Finland

medix@medixbiochemica.com
www.medixbiochemica.com
VAI reg. no. FI4633532