PRODUCT SPECIFICATIONS

Name
Recombinant NGAL antigen, 100 μg

Description

Amino acid sequence
QDSTSDLIPAPLKVQFPQFQGKWVYLAGNAILREDKDQPKMYATIYELKEDKSYVN/TVSLVREKCDYIRTVPFGQCPCEFTLGNKSYPQGCLTSYVFVRVSTNYQHMAMVFFKVSQNYEFKITYGRTKELSTKNNISWKKFSLGLPENHIVFPVQDQCIDGSYGHHTHHHHH

Production host
Escherichia coli (E. coli)

Product code
610012

Product formulation
Lyophilized from 0.2 μm filtered solution

Product buffer
Phosphate buffered saline, pH 7.4; containing 3 % sucrose, 2 % D-mannitol and 0.01 % Tween 20 as stabilizers

Reconstitution
Reconstitute lyophilized protein with 200 μl of deionized water

Shelf life and storage
Shelf life unspecified, storage at 2-8 °C

Analyte description
Neutrophil gelatinase-associated lipocalin (NGAL) is a small glycoprotein expressed in the bone marrow, epithelial tissues associated with antimicrobial defense, and in the distal tubules and collecting duct of the kidney. Elevated levels of blood and urine NGAL are associated with acute or chronic renal failure

Product concentration
0.5 mg/ml when reconstituted with 200 μl of deionized water

Purity
SDS-PAGE

Reactivity with MedixMABs
- Anti-h NGAL 4202: +
- Anti-h NGAL 4203: +
- Anti-h NGAL 4204: +
- Anti-h NGAL 4205: +

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