PRODUCT SPECIFICATION

PRODUCT NAME
Recombinant Pig NGAL
Recombinant protein

PRODUCT NO.
SP005RA

PRESENTATION
Production: E. coli  
Source: Full length amino acid sequence  
Content: 1 mL, 400 pg/mL +/- 15%  
Solvent: 0.01 M phosphate buffer, pH 7.4, with 0.14 M NaCl, 0.5% BSA; 0.5% Tween 20; 0.0016% Phenol red; 0.1% Proclin 950  
Storage: 2-8°C

PREPARATION
This product is purified full length recombinant protein without any tags, produced from E. coli

APPLICATION
ELISA
This antigen is well suited as a standard in NGAL quantifying assays, such as e.g. ELISA.

The figure illustrates the calibration curve of a sandwich assay with ABS 048-17 as the capture antibody and ABS 048-28B as the biotinylated detection antibody.

BACKGROUND
Pig neutrophil gelatinase-associated lipocalin (NGAL; also called lipocalin 2 or siderocalin) may, by analogy with its homologues in other mammalian species, be released from activated neutrophils in inflammation or infection, from certain epithelial cancers, and more dramatically, from renal tubular cells in response to ischemic or nephrotoxic injury.

CONDITIONS
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