

Recombinant Pig NGAL

CAT. NO. SP005RA

OVERVIEW

Product Name Recombinant Pig NGAL

Expression Host E. coli BL21 (DE3)

Type Recombinant protein

Gene ID 100153501

Description 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.

Tested Applications ELISA

PROPERTIES

Form Liquefied

Unit Size 1 mL

Concentration 400 pg/mL \pm 15%

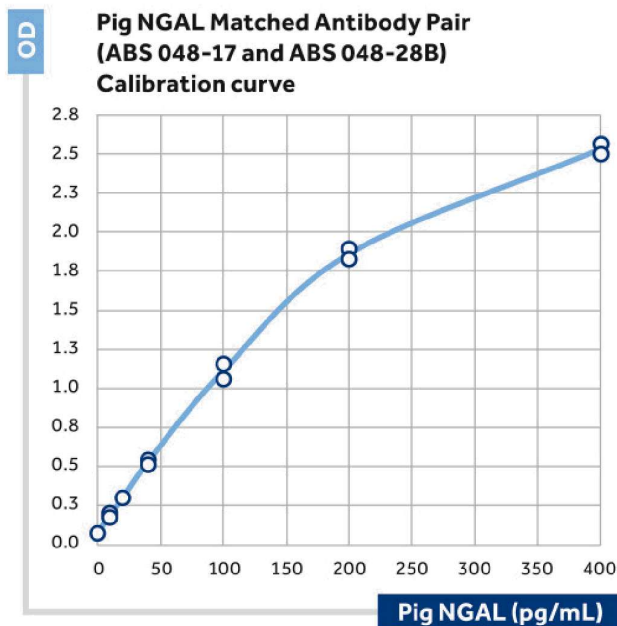
Purification IMAC (Immobilized Metal Affinity Chromatography) as a first purification step, followed by proteolytic cleavage of the affinity tag and size exclusion chromatography.

Storage buffer 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 condition 2-8°C without exposure to light

Safety Wear protective clothing

Pig NGAL Matched Antibody Pair (ABS 048-17 and ABS 048-28B)
Calibration curve



TESTED APPLICATIONS

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

SCIENTIFIC REFERENCES

N/A

CONDITIONS

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