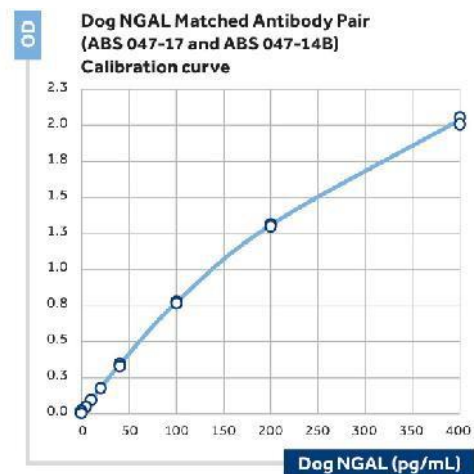


PRODUCT NAME	<b>Recombinant Dog NGAL</b> <b>Recombinant protein</b>
PRODUCT NO.	<b>SP004RA</b>
PRESENTATION	Production: E. coli Source: Full length amino acid sequence Content: 1 mL, 400 pg/mL +/- 15% Solvent: 0.01 M phosphate buffer, pH 7.4, with 0.14 M NaCl, 0.5% BSA; 0.5% Tween 20; 0.0016% Phenol 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 047-17 as the capture antibody and ABS 047-14B as the biotinylated detection antibody.



**BACKGROUND** Dog 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**

Unless otherwise marked, all products are for research use only. Not for use in diagnostic procedures. Not for use in human therapeutic applications. For in vitro use or further manufacture only. The information and product are offered without guarantee as the ultimate conditions of use are beyond our control. The foregoing is in lieu of all warranties, expressed or implied, including implied warranties of merchantability and fitness for a particular purpose. In no event shall BioPorto Diagnostics A/S be responsible for loss of profits or indirect consequential losses resulting from use of its products.