

## Recombinant Dog NGAL

CAT. NO. SP004RA

### OVERVIEW

**Product Name** Recombinant Dog NGAL

**Expression Host** E. coli BL21 (DE3)

**Type** Recombinant protein

**Gene ID** 491320

**Description** 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.

**Tested Applications** ELISA

### PROPERTIES

**Form** Liqued

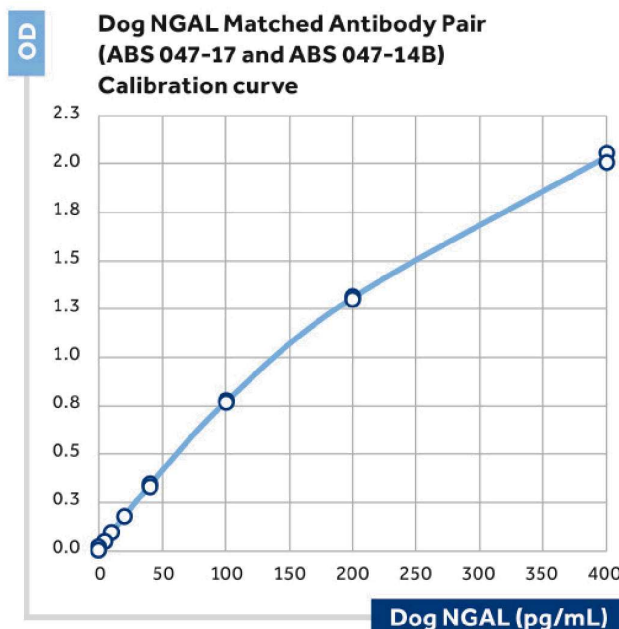
**Unit Size** 1 mL

**Concentration** 400 pg/mL±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


### 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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