

## Canine Nuclear factor kB ELISA Kit | NFkB elisa kit

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CATALOG #  
**AAA91022**

REACTIVITY  
**Canine**

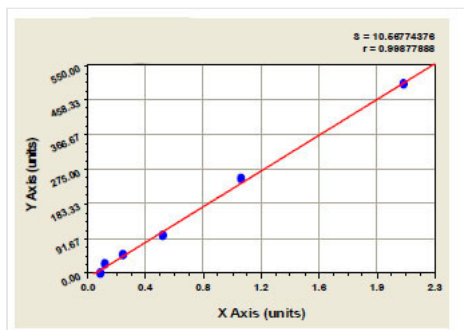
### PRODUCT SYNONYMS

Nuclear factor kB; Canine Nuclear factor kB ELISA Kit; NFkB elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Canine                                                                                                                                                                                  |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                              |
| Assay Type              | Competitive                                                                                                                                                                             |
| Detection Range         | 0.5-10ng/mL                                                                                                                                                                             |
| Sensitivity             | 0.1ng/mL                                                                                                                                                                                |
| Intended Uses           | This NFkB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine NFkB. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                     |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for NFkB elisa kit

**Principle of the Assay:** NFkB ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for NFkB. Standards or samples are then added to the microtiter plate wells and NFkB if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of NFkB present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for NFkB are added to each well to "sandwich" the NFkB immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain NFkB and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NFkB concentration in each sample is interpolated from this standard curve.

## NCBI AND UNIPROT INFORMATION

|                           |              |
|---------------------------|--------------|
| NCBI GI #                 | 47551269     |
| NCBI GeneID               | 373533       |
| NCBI Accession #          | NP_999819.1  |
| NCBI GenBank Nucleotide # | NM_214654.1  |
| NCBI Official Full Name   | NFkB protein |
| NCBI Official Symbol      | NFkB         |
| NCBI Protein Information  | NFkB protein |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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