

## Pig Nuclear factor-kappa B, NF-kappaB ELISA Kit | NF-kappaB elisa kit

Pig Nuclear factor-kappa B, NF-kappaB ELISA Kit

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|------------------------------|--------------------------|
| CATALOG #<br><b>AAA15361</b> | REACTIVITY<br><b>Pig</b> |
|------------------------------|--------------------------|

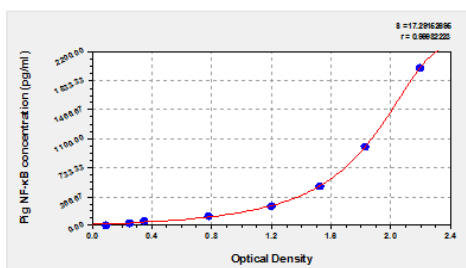
### PRODUCT SYNONYMS

Pig Nuclear factor-kappa B; NF-kappaB; NF-kappaB ELISA Kit; Nuclear factor-kappa B; NF-kappaB elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Pig                                                                                                                                                                                 |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of pig NF-kB. No significant cross-reactivity or interference between pig NF-kB and analogues was observed. |
| Sequence Length         | 1095                                                                                                                                                                                |
| Assay Type              | Quantitative Sandwich                                                                                                                                                               |
| Samples                 | Serum, plasma, tissue homogenates, cell lysates                                                                                                                                     |
| Detection Range         | 31.25 pg/ml-2000 pg/ml                                                                                                                                                              |
| Sensitivity             | < 7.81 pg/ml                                                                                                                                                                        |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.                                    |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.                                             |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for NF-kappaB elisa kit

**Principle of the Assay:** This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for NF-kB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NF-kB present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NF-kB is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NF-kB bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

|                           |                        |
|---------------------------|------------------------|
| NCBI GI #                 | 525314262              |
| NCBI GeneID               | 100616089              |
| NCBI Accession #          | NP_001266238.1         |
| NCBI GenBank Nucleotide # | NM_001279309.1         |
| NCBI Official Full Name   | nuclear factor kappa B |
| NCBI Official Symbol      | Nfkb                   |
| NCBI Protein Information  | nuclear factor kappa B |

**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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Online datasheet: <https://stage.aaabiotech.com/pig-elisa-kits/pig-nuclear-factor-kappa-b-nf-kappab/15361>