

## Canine Interferon regulatory factor 3 (IRF3) ELISA Kit | IRF3 elisa kit

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CATALOG #  
**AAA245899**

REACTIVITY  
**Canine**

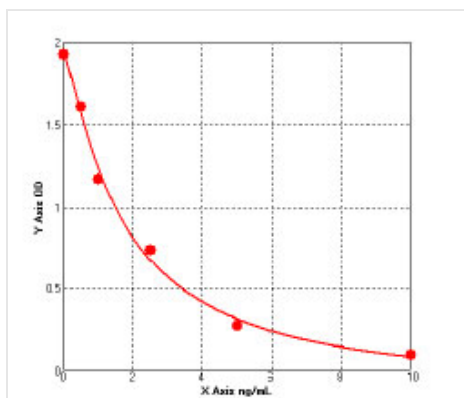
### PRODUCT SYNONYMS

Interferon regulatory factor 3 (IRF3); Canine Interferon regulatory factor 3 (IRF3) ELISA Kit; IRF3 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Canine                                                                     |
| Samples                 | Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate |
| Assay Type              | Quantitative Competitive                                                   |
| Sensitivity             | 1.0 pg/mL.                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for IRF3 elisa kit

**Intended Uses:** This iPTH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat iPTH. This ELISA kit for research use only!

**Principle of the Assay:** iPTH ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-iPTH antibody and an iPTH-HRP conjugate. The assay sample and buffer are incubated together with iPTH-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the iPTH concentration since iPTH from samples and iPTH-HRP conjugate compete for the anti-iPTH antibody binding site. Since the number of sites is limited, as more sites are occupied by iPTH from the sample, fewer sites are left to bind iPTH-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The iPTH concentration in each sample is interpolated from this standard curve.

## NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 2497442                        |
| NCBI GeneID                      | 3661                           |
| Molecular Weight                 | 12,330 Da                      |
| NCBI Official Full Name          | Interferon regulatory factor 3 |
| NCBI Official Synonym Full Names | interferon regulatory factor 3 |
| NCBI Official Symbol             | IRF3                           |
| NCBI Protein Information         | interferon regulatory factor 3 |
| UniProt Protein Name             | Interferon regulatory factor 3 |
| UniProt Gene Name                | <b>IRF3</b>                    |
| UniProt Synonym Gene Names       | IRF-3                          |
| UniProt Entry Name               | IRF3_HUMAN                     |

**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/canine-elisa-kits/interferon-regulatory-factor-3-irf3/245899>