

## Chicken Prokineticin Receptor 2 ELISA Kit | PKR2 elisa kit

Chicken Prokineticin Receptor 2 ELISA Kit

CATALOG #  
**AAA96754**

REACTIVITY  
**Chicken**

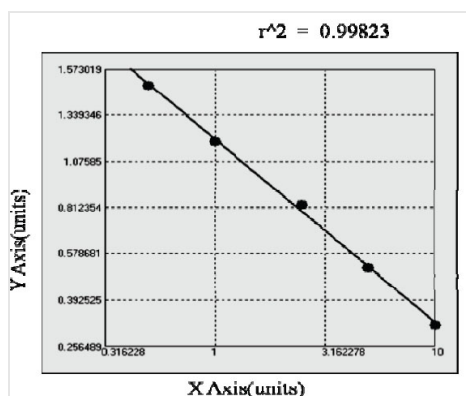
### PRODUCT SYNONYMS

Prokineticin Receptor 2; Chicken Prokineticin Receptor 2 ELISA Kit; PKR2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Chicken                                                                    |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | Competitive                                                                |
| Sensitivity             | 0.1 ng/mL.                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for PKR2 elisa kit

**Principle of the assay:** PKR2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PKR2 antibody and an PKR2-HRP conjugate. The assay sample and buffer are incubated together with PKR2-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 PKR2 concentration since PKR2 from samples and PKR2-HRP conjugate compete for the anti-PKR2 antibody binding site. Since the number of sites is limited, as more sites are occupied by PKR2 from the sample, fewer sites are left to bind PKR2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PKR2 concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for PKR2 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

|                                  |                                                                      |
|----------------------------------|----------------------------------------------------------------------|
| NCBI GI #                        | 21426829                                                             |
| NCBI GeneID                      | 128674                                                               |
| NCBI Accession #                 | NP_658986.1                                                          |
| NCBI GenBank Nucleotide #        | NM_144773.2                                                          |
| Molecular Weight                 | 43,996 Da                                                            |
| NCBI Official Full Name          | prokineticin receptor 2                                              |
| NCBI Official Synonym Full Names | prokineticin receptor 2                                              |
| NCBI Official Symbol             | PROKR2                                                               |
| NCBI Official Synonym Symbols    | HH3; KAL3; PKR2; GPRg2; GPR73b; GPR73L1; dJ680N4.3                   |
| NCBI Protein Information         | prokineticin receptor 2; PK-R2; G protein-coupled receptor 73-like 1 |
| UniProt Protein Name             | Prokineticin receptor 2                                              |
| UniProt Gene Name                | <b>PROKR2</b>                                                        |
| UniProt Synonym Gene Names       | GPR73L1; PKR2; PK-R2                                                 |
| UniProt Entry Name               | PKR2_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/pkr2-chicken-elisa-kits/prokineticin-receptor-2/96754>