

## Rat glucocorticoid receptor, GR ELISA Kit | GR elisa kit

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CATALOG #  
**AAA41572**

REACTIVITY  
**Rat**

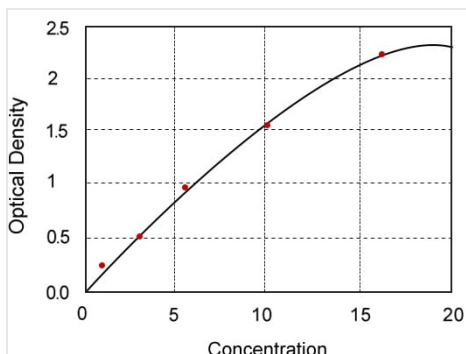
### PRODUCT SYNONYMS

glucocorticoid receptor; GR; Rat glucocorticoid receptor; GR ELISA Kit; GR elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Rat                                                                      |
| Sequence Length         | 394                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.2ng/ml - 60ng/ml                                                       |
| Sensitivity             | 0.105ng/ml                                                               |
| Intra-Assay             | CV<8%                                                                    |
| Inter-Assay             | CV<10%                                                                   |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for GR elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Rat Glucocorticoid Receptor (also known as GR) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat GR antibody. GR present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat GR Antibody is added and binds to GR in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GR antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat GR. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 239758                                                         |
| NCBI GeneID                      | 2908                                                           |
| UniProt Accession #              | P04150; P04151; Q53EP5; Q6N0A4; A0ZXF9; B0LPG8; D3DQF4; F5ATB7 |
| Molecular Weight                 | 81,509 Da                                                      |
| NCBI Official Full Name          | glucocorticoid receptor, partial                               |
| NCBI Official Synonym Full Names | nuclear receptor subfamily 3 group C member 1                  |
| NCBI Official Symbol             | NR3C1                                                          |
| NCBI Official Synonym Symbols    | GR; GCR; GRL; GCCR; GCRST                                      |
| NCBI Protein Information         | glucocorticoid receptor                                        |
| UniProt Protein Name             | Glucocorticoid receptor                                        |
| UniProt Gene Name                | NR3C1                                                          |
| UniProt Synonym Gene Names       | GRL; GR                                                        |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/glucocorticoid-receptor-gr/41572>