

## Sheep Glucocorticoid receptor ELISA Kit | GR elisa kit

Sheep Glucocorticoid receptor ELISA Kit

CATALOG #  
**AAA95145**

REACTIVITY  
**Sheep**

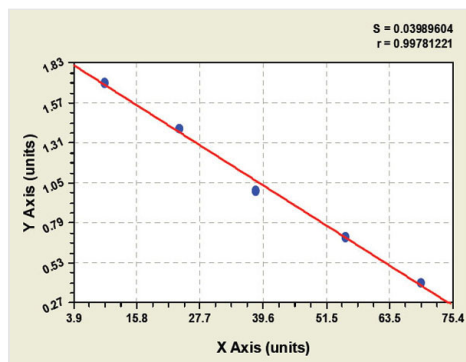
### PRODUCT SYNONYMS

Glucocorticoid receptor; Sheep Glucocorticoid receptor ELISA Kit; GR elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Sheep                                                                                                                                                                              |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                         |
| Assay Type              | Competitive                                                                                                                                                                        |
| Intended Uses           | This GR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep GR. This ELISA kit for research use only, not for therapeutic applications  |
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| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for GR elisa kit

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

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                           |
|----------------------------------|---------------------------------------------------------------------------|
| NCBI GI #                        | 239758                                                                    |
| NCBI GeneID                      | 2908                                                                      |
| Molecular Weight                 | 82,904 Da                                                                 |
| NCBI Official Full Name          | glucocorticoid receptor, partial                                          |
| NCBI Official Synonym Full Names | nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor) |
| NCBI Official Symbol             | NR3C1                                                                     |
| NCBI Official Synonym Symbols    | GR; GCR; GRL; GCCR; GCRST                                                 |
| NCBI Protein Information         | glucocorticoid receptor; glucocorticoid nuclear receptor variant 1        |
| UniProt Protein Name             | Glucocorticoid receptor                                                   |
| UniProt Gene Name                | <b>NR3C1</b>                                                              |
| UniProt Synonym Gene Names       | GRL; GR                                                                   |
| UniProt Entry Name               | GCR_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/gr-sheep-elisa-kits/glucocorticoid-receptor/95145>