

## Human Progesterone Receptor ELISA Kit | PGR elisa kit

Human Progesterone Receptor ELISA Kit

CATALOG #  
**AAA16672**

REACTIVITY  
**Human**

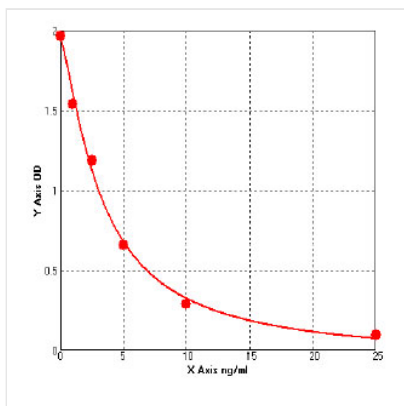
### PRODUCT SYNONYMS

Progesterone Receptor; Human Progesterone Receptor ELISA Kit; PGR elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                              |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of PR. No significant cross-reactivity or interference between PR and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PR and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive or Sandwich                                                                                                                                                                                                                                                                                                                                               |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                         |
| Sensitivity             | 0.1 ng/mL                                                                                                                                                                                                                                                                                                                                                                          |
| Intended Uses           | This PGR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PGR. This ELISA kit for research use only, not for therapeutic applications!                                                                                                                                                                                               |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for PGR elisa kit | <p>Principle of the Assay: PR ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PR antibody and an PR-HRP conjugate. The assay sample and buffer are incubated together with PR-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 PR concentration since PR from samples and PR-HRP conjugate compete for the anti-PR antibody binding site. Since the number of sites is limited, as more sites are occupied by PR from the sample, fewer sites are left to bind PR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PR concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This PR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PR. This ELISA kit for research use only, not for therapeutic or diagnostic applications!</p> |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                         |              |
|-------------------------|--------------|
| NCBI GI #               | 124111288    |
| Molecular Weight        | 38,494 Da    |
| NCBI Official Full Name | PGR, partial |
| UniProt Protein Name    | PGR          |
| UniProt Gene Name       | PGR          |
| UniProt Entry Name      | A2T787_PANTR |

**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/pgr-human-elisa-kits/progesterone-receptor/16672>