

## Human Androgen receptor ELISA Kit | AR elisa kit

Human Androgen receptor ELISA Kit

CATALOG #  
**AAA192533**

REACTIVITY  
**Human**

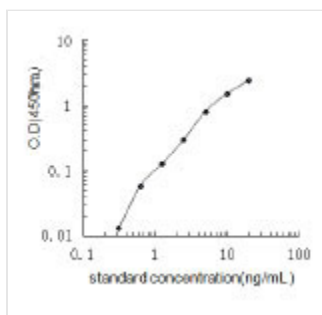
### PRODUCT SYNONYMS

Androgen receptor; Human Androgen receptor ELISA Kit; Dihydrotestosterone receptor; Nuclear receptor subfamily 3 group C member 4; AR; DHTR; NR3C4; AR elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                 |
| Specificity             | Recombinant and natural Human Androgen receptor                                       |
| Sequence Length         | 920                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Detection Range         | 0.312-20 ng/mL                                                                        |
| Sensitivity             | <0.1 ng/mL                                                                            |
| Intra-assay Precision   | Intra-Assay CV: <=4.7%                                                                |
| Inter-assay Precision   | Inter-Assay CV: <=8.8%                                                                |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for AR elisa kit | <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.</p> <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                            |
|----------------------------------|------------------------------------------------------------|
| NCBI GI #                        | 21322252                                                   |
| NCBI GeneID                      | 367                                                        |
| NCBI Accession #                 | NP_000035.2                                                |
| NCBI GenBank Nucleotide #        | NM_000044.3                                                |
| UniProt Accession #              | P10275; Q9UD95; A2RUN2; B1AKD7                             |
| Molecular Weight                 | 44,643 Da                                                  |
| NCBI Official Full Name          | androgen receptor isoform 1                                |
| NCBI Official Synonym Full Names | androgen receptor                                          |
| NCBI Official Symbol             | AR                                                         |
| NCBI Official Synonym Symbols    | KD; AIS; AR8; TFM; DHTR; SBMA; HYSP1; NR3C4; SMAX1; HUMARA |
| NCBI Protein Information         | androgen receptor                                          |
| UniProt Protein Name             | Androgen receptor                                          |
| UniProt Gene Name                | AR                                                         |
| UniProt Synonym Gene Names       | DHTR; NR3C4                                                |
| UniProt Entry Name               | ANDR_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.