

Rat androgen receptor ELISA Kit | AR elisa kit

Rat Androgen receptor, AR ELISA Kit

CATALOG #
AAA112301

REACTIVITY
Rat

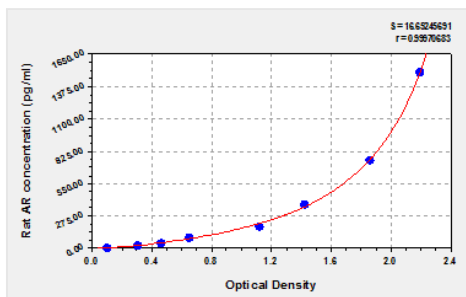
PRODUCT SYNONYMS

androgen receptor; Rat Androgen receptor; AR ELISA Kit; Rat Androgen receptor (AR) ELISA kit; RP11-383C12.1; AIS; DHTR; HUMARA; HYSP1; KD; NR3C4; SBMA; SMAX1; TFM; dihydrotestosterone receptor; AR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat AR. No significant cross-reactivity or interference between rat AR and analogues was observed.
Sequence Length	709
Samples	Serum, plasma, tissue homogenates, cell lysates.
Assay Type	Sandwich (Quantitative)
Detection Range	23.5 pg/ml -1500 pg/ml.
Sensitivity	5.8 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AR elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for AR has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any AR present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for AR is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of AR bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1351939
UniProt Accession #	P49699
Molecular Weight	77,392 Da
NCBI Official Full Name	Androgen receptor
UniProt Protein Name	Androgen receptor
UniProt Gene Name	AR
UniProt Synonym Gene Names	NR3C4
UniProt Entry Name	ANDR_RABIT

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://www.aaabiotech.com/ar-rat-elisa-kits/androgen-receptor/112301>