

Rat Kidney androgen-regulated protein ELISA Kit | Kap elisa kit

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CATALOG #
AAA99949

REACTIVITY
Rat

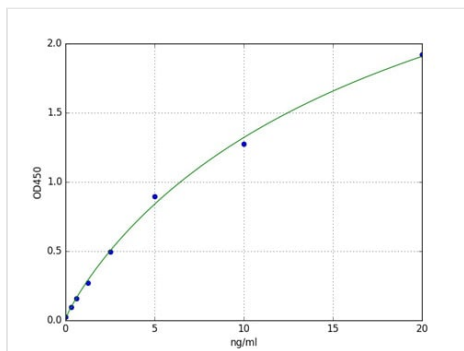
PRODUCT SYNONYMS

Kidney androgen-regulated protein; Rat Kidney androgen-regulated protein ELISA Kit; Kap; Kap elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	121
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat Kap ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.027	0.097	0.246	0.194	0.524	0.980	1.371	1.736

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Kap elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Kap antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Kap antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat Kap amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Kap can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

6754406

NCBI GeneID	16483
NCBI Accession #	NP_034724.1
NCBI GenBank Nucleotide #	NM_010594.2
Molecular Weight	13,263 Da
NCBI Official Full Name	kidney androgen-regulated protein
NCBI Official Synonym Full Names	kidney androgen regulated protein
NCBI Official Symbol	Kap
NCBI Official Synonym Symbols	FKSG22; AW146435
NCBI Protein Information	kidney androgen-regulated protein
UniProt Protein Name	Kidney androgen-regulated protein
UniProt Gene Name	Kap
UniProt Synonym Gene Names	ARP; KAP
UniProt Entry Name	ANRE_MOUSE

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
Online datasheet: <https://stage.aaabiotech.com/kap-rat-elisa-kits/kidney-androgen-regulated-protein/99949>