

Rat Androgen binding protein ELISA Kit | ABP elisa kit

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CATALOG #
AAA96577

REACTIVITY
Rat

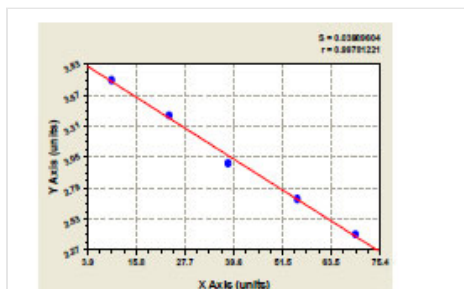
PRODUCT SYNONYMS

Androgen binding protein; Rat Androgen binding protein ELISA Kit; ABP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500 pg/mL
Sensitivity	1.0pg/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ABP elisa kit

Intended Uses: This ABP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat ABP. This ELISA kit for research use only!

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

Product Categories/Family for ABP elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	395627642
NCBI GeneID	100043326
NCBI Accession #	NP_001257470.1
NCBI GenBank Nucleotide #	NM_001270541.1
NCBI Official Full Name	androgen-binding protein
NCBI Official Synonym Full Names	secretoglobin, family 2B, member 3
NCBI Official Symbol	Scgb2b3
NCBI Official Synonym Symbols	Abpbg3; Gm4362
NCBI Protein Information	androgen-binding protein

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/abp-rat-elisa-kits/androgen-binding-protein/96577>