

Human ACRBP (Acrosin-binding protein) ELISA Kit | ACRBP elisa kit

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CATALOG #
AAA249626

REACTIVITY
Human

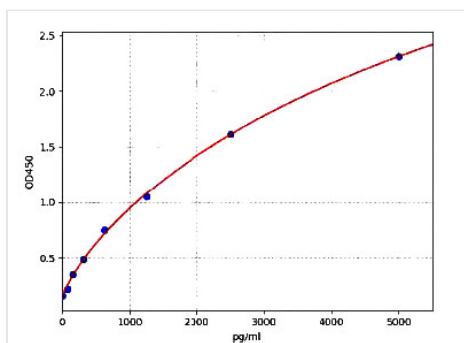
PRODUCT SYNONYMS

ACRBP (Acrosin-binding protein); Human ACRBP (Acrosin-binding protein) ELISA Kit; Acrosin-binding protein; 60 kDa form; Cancer/testis antigen 23; CT23; Cancer/testis antigen OY-TES-1; Proacrosin-binding protein sp32; mature form; 32 kDa form; ACRBP; ACRBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ACRBP. No significant cross-reactivity or interference between ACRBP and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for ACRBP elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17999524
NCBI GeneID	84519
NCBI Accession #	NP_115878.2
NCBI GenBank Nucleotide #	NM_032489.2
UniProt Accession #	Q8NEB7; Q9BY87
Molecular Weight	61,359 Da
NCBI Official Full Name	acrosin-binding protein
NCBI Official Synonym Full Names	acrosin binding protein
NCBI Official Symbol	ACRBP
NCBI Official Synonym Symbols	CT23; SP32; OY-TES-1
NCBI Protein Information	acrosin-binding protein; cancer/testis antigen 23; cancer/testis antigen OY-TES-1; proacrosin binding protein sp32
UniProt Protein Name	Acrosin-binding protein
UniProt Gene Name	ACRBP
UniProt Synonym Gene Names	CT23
UniProt Entry Name	ACRBP_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/acrbp-acrosin-binding-protein/249626>