

Human Acrosomal Protein Sp-10, ACRV1 ELISA Kit | ACRV1 elisa kit

Human Acrosomal Protein Sp-10, ACRV1 Primacu ELISA Kit

CATALOG #
AAA124214

REACTIVITY
Human

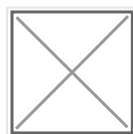
PRODUCT SYNONYMS

Acrosomal Protein Sp-10; ACRV1; Human Acrosomal Protein Sp-10; ACRV1 Primacu ELISA Kit; Acrosomal protein SP-10; ACRV1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	46.88-3000pg/mL
Sensitivity	14.16pg/mL
Standard Solution	30ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for ACRV1 elisa kit

Acrosomal protein SP-1, also known as Acrosomal vesicle protein 1 and ACRV1, is a testis-specific, differentiation antigen, that arises within the acrosomal vesicle during spermatogenesis, and is associated with the acrosomal membranes and matrix of mature sperm. Regulation of cell type-specific gene transcription is central to cellular differentiation and development. During spermatogenesis, a number of testis-specific genes are expressed in a precise spatiotemporal order. The longest transcript of ACRV1/SP-1 is the most abundant, comprising 53-72% of the total acrosomal vesicle protein 1 messages; the second largest transcript comprises 15-32%; the third and the fourth largest transcripts account for 3.4-8.3% and 8.7-12.5%, respectively; and the remaining transcripts combined account for < 1% of the total acrosomal vesicle protein 1 message. ACRV1/SP-1 is a testis-specific acrosomal protein that has been detected in several species including humans. It may be involved in sperm-zona binding or penetration, and it is a potential contraceptive vaccine immunogen for humans. ACRV1/SP-1 may be involved in sperm-zona binding or penetration. It is also an intra-acrosomal protein that is considered to be a vaccine candidate for immunocontraception.

Product Categories/Family for ACRV1 elisa kit

Primacu ELISA Kit; Cell biology; Signal transduction; Tags & cell markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501879
NCBI GeneID	56
NCBI Accession #	NP_001603
NCBI GenBank Nucleotide #	NM_001612
UniProt Accession #	P26436; Q53FF4; AAB34927; AAB34928; AAB34929; AAB34930; AAB34931; AAB34933; AAB34935; AAB34936
Molecular Weight	9,030 Da
NCBI Official Full Name	acrosomal protein SP-10 isoform a
NCBI Official Synonym Full Names	acrosomal vesicle protein 1
NCBI Official Symbol	ACRV1
NCBI Official Synonym Symbols	SP-10; SPACA2; D11S4365
NCBI Protein Information	acrosomal protein SP-10; sperm protein 10
UniProt Protein Name	Acrosomal protein SP-10
UniProt Gene Name	ACRV1
UniProt Entry Name	ASPX_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/acrosomal-protein-sp-10-acrv1/124214>