

Human SAG (S-arrestin) ELISA Kit | SAG elisa kit

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CATALOG #
AAA250385

REACTIVITY
Human

PRODUCT SYNONYMS

SAG (S-arrestin); Human SAG (S-arrestin) ELISA Kit; S-arrestin; 48 kDa protein; Retinal S-antigen; S-AG; Rod photoreceptor arrestin; SAG; SAG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SAG. No significant cross -reactivity or interference between SAG and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.6-1000pg/ml
Sensitivity	9.375pg/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

ADDITIONAL INFORMATION

Related Product Information for SAG 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 #	116008178
NCBI GeneID	6295
NCBI Accession #	NP_000532.2
NCBI GenBank Nucleotide #	NM_000541.4
UniProt Accession #	P10523 ; Q53SV3 ; Q99858 ; A0FDN6
Molecular Weight	45,120 Da
NCBI Official Full Name	S-arrestin
NCBI Official Synonym Full Names	S-antigen; retina and pineal gland (arrestin)

NCBI Official Symbol	SAG
NCBI Official Synonym Symbols	RP47; S-AG
NCBI Protein Information	S-arrestin
UniProt Protein Name	S-arrestin
UniProt Gene Name	SAG
UniProt Synonym Gene Names	S-AG
UniProt Entry Name	ARRS_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://www.aaabiotech.com/human-elisa-kits/sag-s-arrestin/250385>