

Human SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4 ELISA Kit | SMARCA4 elisa kit

Human Transcription activator BRG1, SMARCA4 ELISA Kit

CATALOG #
AAA112388

REACTIVITY
Human

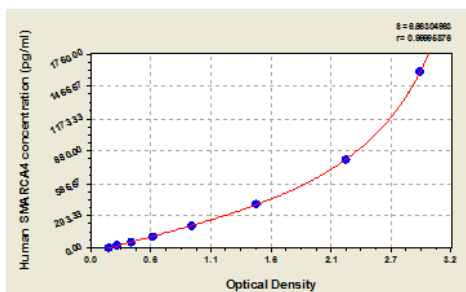
PRODUCT SYNONYMS

SWI/SNF related; matrix associated; actin dependent regulator of chromatin; subfamily a; member 4; Human Transcription activator BRG1; SMARCA4 ELISA Kit; Human Transcription activator BRG1 (SMARCA4) ELISA kit; BAF190; BRG1; FLJ39786; SNF2; SNF2-BETA; SNF2L4; SNF2LB; SWI2; hSNF2b; ATP-dependent helicase SMARCA4; BRM/SWI2-related gene 1; SNF2-like 4; SWI/SNF-related matrix-associated actin-dependent regulator; SMARCA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SMARCA4. No significant cross-reactivity or interference between human SMARCA4 and analogues was observed.
Sequence Length	1647
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	25 pg/ml-1600 pg/ml
Sensitivity	< 6.25 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SMARCA4 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SMARCA4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SMARCA4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SMARCA4 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SMARCA4 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	192807312
NCBI GeneID	6597
NCBI Accession #	NP_001122316.1
NCBI GenBank Nucleotide #	NM_001128844.1
UniProt Accession #	P51532; O95052; Q9HBD3; B1A8Z4; B1A8Z5; B1A8Z6; B1A8Z7; E9PBR8
Molecular Weight	184,646 Da
NCBI Official Full Name	transcription activator BRG1 isoform B
NCBI Official Synonym Full Names	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4
NCBI Official Symbol	SMARCA4
NCBI Official Synonym Symbols	BRG1; SNF2; SWI2; MRD16; RTPS2; BAF190; SNF2L4; SNF2LB; hSNF2b; BAF190A
NCBI Protein Information	transcription activator BRG1; SNF2-beta; SNF2-like 4; protein BRG-1; nuclear protein GRB1; brahma protein-like 1; BRM/SWI2-related gene 1; homeotic gene regulator; protein brahma homolog 1; BRG1-associated factor 190A; sucrose nonfermenting-like 4; ATP-dependent helicase SMARCA4; mitotic growth and transcription activator; global transcription activator homologous sequence
UniProt Protein Name	Transcription activator BRG1
UniProt Gene Name	SMARCA4
UniProt Synonym Gene Names	BAF190A; BRG1; SNF2B; SNF2L4; BAF190A
UniProt Entry Name	SMCA4_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/smarca4-human-elisa-kits/swi-snf-related-matrix-associated-actin-dependent-regulator-of-chromatin-subfamily-a-member-4/112388>