

Human Kallmann syndrome 1 sequence ELISA Kit | KAL1 elisa kit

Human Anosmin-1, KAL1 ELISA Kit

CATALOG #
AAA112834

REACTIVITY
Human

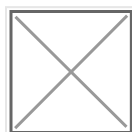
PRODUCT SYNONYMS

Kallmann syndrome 1 sequence; Human Anosmin-1; KAL1 ELISA Kit; Human Anosmin-1 (KAL1) ELISA kit; ADMLX; HHA; KAL; KALIG-1; KMS; Kallmann syndrome 1 protein; Kallmann syndrome interval gene 1; Kallmann syndrome-1 sequence (anosmin-1) ; adhesion molecule-like X-linked; anosmin-1; KAL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human KAL1. No significant cross-reactivity or interference between human KAL1 and analogues was observed.
Sequence Length	680
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	125 pg/ml-8000 pg/ml
Sensitivity	<31.25 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 KAL1 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for KAL1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any KAL1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for KAL1 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 KAL1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395746
NCBI GeneID	3730
NCBI Accession #	NP_000207.2
NCBI GenBank Nucleotide #	NM_000216.2
UniProt Accession #	P23352; B2RPF8
Molecular Weight	76,112 Da
NCBI Official Full Name	anosmin-1
NCBI Official Synonym Full Names	Kallmann syndrome 1 sequence
NCBI Official Symbol	KAL1
NCBI Official Synonym Symbols	HH1; HHA; KAL; KMS; ADMLX; WFDC19; KALIG-1
NCBI Protein Information	anosmin-1; kallmann syndrome protein; adhesion molecule-like X-linked; Kallmann syndrome interval gene 1; WAP four-disulfide core domain 19; Kallmann syndrome-1 sequence (anosmin-1)
UniProt Protein Name	Anosmin-1
UniProt Gene Name	KAL1
UniProt Synonym Gene Names	ADMLX; KAL; KALIG1
UniProt Entry Name	KALM_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/kal1-human-elisa-kits/kallmann-syndrome-1-sequence/112834>