

Human High Mobility Group AT Hook Protein 2 (HMGA2) ELISA Kit | HMGA2 elisa kit

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CATALOG #
AAA65895

REACTIVITY
Human

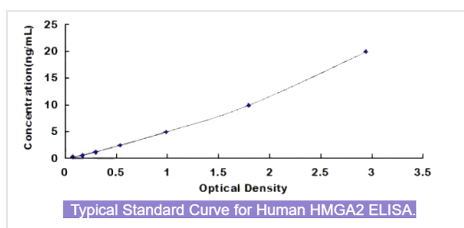
PRODUCT SYNONYMS

High Mobility Group AT Hook Protein 2 (HMGA2); Human High Mobility Group AT Hook Protein 2 (HMGA2) ELISA Kit; Anoctamin-6; TMEM16F; Transmembrane protein 16F; HMGA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HMGA2. No significant cross-reactivity or interference between HMGA2 and analogues was observed.
Sequence Length	90
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates or other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.114ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HMGA2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level HMGA2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HMGA2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HMGA2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HMGA2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HMGA2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of HMGA2 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of HMGA2 in human tissue homogenates, cell lysates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1057503228
NCBI GeneID	8091
NCBI Accession #	NP_001317119.1
NCBI GenBank Nucleotide #	NM_001330190.1
UniProt Accession #	P52926; Q1M182; Q1M185; Q1M186; Q1M187; Q1M188; E7EP85; E7EWA2
Molecular Weight	9,742 Da
NCBI Official Full Name	high mobility group protein HMGI-C isoform 3
NCBI Official Synonym Full Names	high mobility group AT-hook 2
NCBI Official Symbol	HMGA2
NCBI Official Synonym Symbols	BABL; LIPO; HMGIC; HMGI-C; STQTL9
NCBI Protein Information	high mobility group protein HMGI-C
UniProt Protein Name	High mobility group protein HMGI-C
UniProt Gene Name	HMGA2
UniProt Synonym Gene Names	HMGIC

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/high-mobility-group-at-hook-protein-2-hmga2/65895>