

Dog High Mobility Group AT Hook Protein 1 (HMGA1) RTU ELISA Kit | HMGA1 rtu elisa kit

Canine High Mobility Group AT Hook Protein 1 (HMGA1) ELISA Kit

CATALOG #
AAA71173

REACTIVITY
Dog

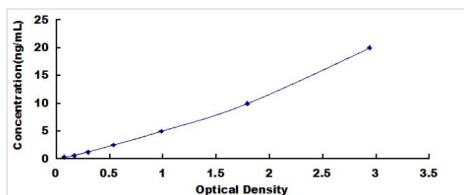
PRODUCT SYNONYMS

High Mobility Group AT Hook Protein 1 (HMGA1); Canine High Mobility Group AT Hook Protein 1 (HMGA1) ELISA Kit; HMG-R; HMG1Y; High mobility group protein A1; High mobility group protein R; High mobility group protein HMG-I/HMG-Y; HMGA1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Sequence Length	107
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.115ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HMGA1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HMGA1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HMGA1. 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 HMGA1, 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 $\pm$ 10nm. The concentration of HMGA1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50979331
NCBI GeneID	442946
NCBI Accession #	NP_001003387.1
NCBI GenBank Nucleotide #	NM_001003387.1
UniProt Accession #	Q6URC2
Molecular Weight	10,679 Da
NCBI Official Full Name	high mobility group protein HMG-I/HMG-Y
NCBI Official Synonym Full Names	high mobility group AT-hook 1
NCBI Official Symbol	HMGA1
NCBI Official Synonym Symbols	HMGA1A
NCBI Protein Information	high mobility group protein HMG-I/HMG-Y
UniProt Protein Name	High mobility group protein HMG-I/HMG-Y
UniProt Gene Name	HMGA1
UniProt Synonym Gene Names	HMG1Y; HMG-I(Y); High mobility group protein A1

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/dog-rtu-elisa-kits/high-mobility-group-at-hook-protein-1-hmga1/71173>