

Human Non-histone chromosomal protein HMG-14 ELISA Kit | HMGN1 elisa kit

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CATALOG #
AAA97799

REACTIVITY
Human

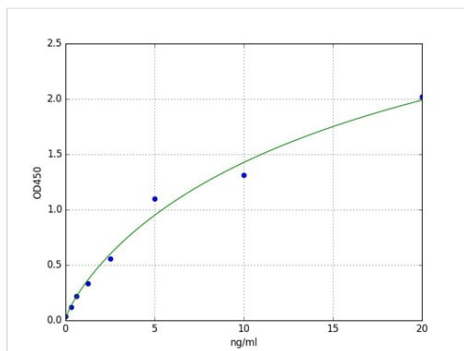
PRODUCT SYNONYMS

Non-histone chromosomal protein HMG-14; Human Non-histone chromosomal protein HMG-14 ELISA Kit; HMGN1/HMG14/High mobility group nucleosome-binding domain-containing protein 1/high-mobility group (nonhistone chromosomal) protein 14/high-mobility group nucleosome binding 1/high-mobility group nucleosome binding domain 1/non-histone chromosomal protein HMG-14/nonhistone chromosomal protein HMG-14; HMGN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	100
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
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

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human HMGN1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.010	0.218	0.469	0.706	0.993	1.614	1.669	2.314

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HMGN1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human HMGN1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human HMGN1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Human HMGN1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human HMGN1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48255933
NCBI GeneID	3150
NCBI Accession #	NP_004956.5
NCBI GenBank Nucleotide #	NM_004965.6
Molecular Weight	10,659 Da
NCBI Official Full Name	non-histone chromosomal protein HMG-14
NCBI Official Synonym Full Names	high mobility group nucleosome binding domain 1
NCBI Official Symbol	HMGN1
NCBI Official Synonym Symbols	HMG14
NCBI Protein Information	non-histone chromosomal protein HMG-14
UniProt Protein Name	Non-histone chromosomal protein HMG-14
UniProt Gene Name	HMGN1
UniProt Synonym Gene Names	HMG14
UniProt Entry Name	HMGN1_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/hmgn1-human-elisa-kits/non-histone-chromosomal-protein-hmg-14/97799>