

Human Histatin-3 ELISA Kit | HTN3 elisa kit

Human Histatin-3 ELISA Kit

CATALOG #
AAA102211

REACTIVITY
Human

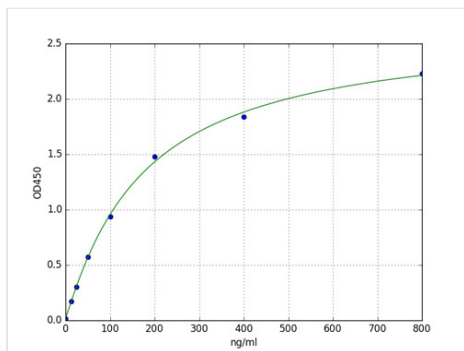
PRODUCT SYNONYMS

Histatin-3; Human Histatin-3 ELISA Kit; HTN3/Histatin-3/PB/Basic histidine-rich protein/Hst/Histidine-rich protein 3; HTN3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	51
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	12.5-800ng/ml
Sensitivity	7.5ng/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 HTN3 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	12.5	25	50	100	200	400	800
Y	OD450	0.039	0.067	0.091	0.162	0.286	0.547	1.181	2.296

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HTN3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human HTN3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human HTN3 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 HTN3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human HTN3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4557653

NCBI GeneID	3347
NCBI Accession #	NP_000191.1
NCBI GenBank Nucleotide #	NM_000200.2
Molecular Weight	6,149 Da
NCBI Official Full Name	histatin-3
NCBI Official Synonym Full Names	histatin 3
NCBI Official Symbol	HTN3
NCBI Official Synonym Symbols	HIS2; HTN2; HTN5
NCBI Protein Information	histatin-3
UniProt Protein Name	Histatin-3
UniProt Gene Name	HTN3
UniProt Synonym Gene Names	HIS2; Hst; His3 20/44; His3 1/25; His3 20/43; His3 1/24; His3 20/32; His3 1/13; His3 20/31; His3 1/12; His3 20/30; His3 1/11; His3 24/32; His3 5/13; His3 24/31; His3 5/12; His3 24/30; His3 5/11; His3 25/32; His3 6/13; His3 25/30; His3 6/11; His3 26/32; Hi
UniProt Entry Name	HIS3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/htn3-human-elisa-kits/histatin-3/102211>