

Human Histatin 3 (HTN3) ELISA Kit | HTN3 elisa kit

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CATALOG #
AAA13981

REACTIVITY
Human

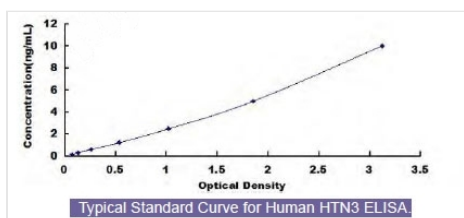
PRODUCT SYNONYMS

Histatin 3 (HTN3); Human Histatin 3 (HTN3) ELISA Kit; HTN3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HTN3. No significant cross-reactivity or interference between HTN3 and analogues was observed.
Sequence Length	51
Samples	Human saliva, tissue homogenates, cell lysates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	< 0.062ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HTN3 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 HTN3 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 HTN3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of HTN3 in human saliva, tissue homogenates, cell lysates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HTN3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HTN3. 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 HTN3, 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 HTN3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557653
NCBI GeneID	3347
NCBI Accession #	NP_000191.1
NCBI GenBank Nucleotide #	NM_000200.2
UniProt Accession #	P15516; Q16243; Q502Z1
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

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.