

Human Trichohyalin (TCHH) ELISA Kit | TCHH elisa kit

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CATALOG #
AAA67258

REACTIVITY
Human

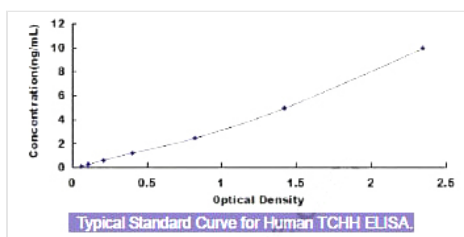
PRODUCT SYNONYMS

Trichohyalin (TCHH); Human Trichohyalin (TCHH) ELISA Kit; TCHH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TCHH. No significant cross-reactivity or interference between TCHH and analogues was observed.
Sequence Length	1943
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.054ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TCHH 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 TCHH 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 TCHH elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TCHH in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TCHH. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TCHH. 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 TCHH, 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 TCHH 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 #	148746195
NCBI GeneID	7062
NCBI Accession #	NP_009044.2
NCBI GenBank Nucleotide #	NM_007113.3
UniProt Accession #	Q07283; Q5VUI3
Molecular Weight	253,925 Da
NCBI Official Full Name	trichohyalin
NCBI Official Synonym Full Names	trichohyalin
NCBI Official Symbol	TCHH
NCBI Official Synonym Symbols	THH; THL; TRHY; UHS3
NCBI Protein Information	trichohyalin
UniProt Protein Name	Trichohyalin
UniProt Gene Name	TCHH
UniProt Synonym Gene Names	THH; THL; TRHY

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/trichohyalin-tchh/67258>