

Human Trichohyalin (TCHH) ELISA Kit | TCHH elisa kit

Human Trichohyalin (TCHH) ELISA Kit

CATALOG #
AAA187100

REACTIVITY
Human

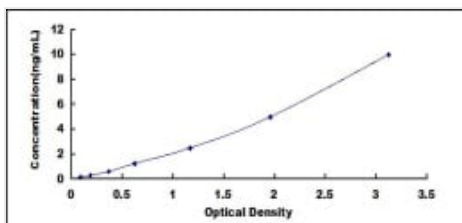
PRODUCT SYNONYMS

Trichohyalin (TCHH); Human Trichohyalin (TCHH) ELISA Kit; THH; THL; TRHY; TCHH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Trichohyalin (TCHH). No significant cross-reactivity or interference between Trichohyalin (TCHH) and analogues was observed.
Sequence Length	1,943
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.057ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Trichohyalin (TCHH) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Trichohyalin (TCHH) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TCHH elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Trichohyalin (TCHH). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Trichohyalin (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 Trichohyalin (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 Trichohyalin (TCHH) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

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.