

Human Histamine Receptor H3 (HRH3) ELISA Kit | HRH3 elisa kit

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CATALOG #
AAA68575

REACTIVITY
Human

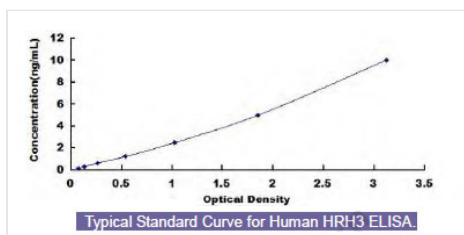
PRODUCT SYNONYMS

Histamine Receptor H3 (HRH3); Human Histamine Receptor H3 (HRH3) ELISA Kit; GPCR97; HH3R; G-protein coupled receptor 97; HRH3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HRH3. No significant cross-reactivity or interference between HRH3 and analogues was observed.
Sequence Length	445
Samples	Tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	<0.053ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HRH3 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 HRH3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HRH3 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of HRH3 in human tissue homogenates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HRH3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HRH3. 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 HRH3, 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 HRH3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	194018562
NCBI GeneID	11255
NCBI Accession #	NP_009163.2
NCBI GenBank Nucleotide #	NM_007232.2
UniProt Accession #	Q9Y5N1; Q4QRI7; Q9GZX2; Q9H4K8
Molecular Weight	45,607 Da
NCBI Official Full Name	histamine H3 receptor
NCBI Official Synonym Full Names	histamine receptor H3
NCBI Official Symbol	HRH3
NCBI Official Synonym Symbols	HH3R; GPCR97
NCBI Protein Information	histamine H3 receptor
UniProt Protein Name	Histamine H3 receptor
UniProt Gene Name	HRH3
UniProt Synonym Gene Names	GPCR97; H3R; HH3R

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/histamine-receptor-h3-hrh3/68575>