

Rat 5-hydroxytryptamine receptor 7 ELISA Kit | HTR7 elisa kit

Rat 5-hydroxytryptamine receptor 7 (HTR7) ELISA Kit

CATALOG # AAA55639	REACTIVITY Rat
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PRODUCT SYNONYMS

5-hydroxytryptamine receptor 7; Rat 5-hydroxytryptamine receptor 7 (HTR7) ELISA Kit; HTR7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Human HEPC25. No significant cross-reactivity or interference between Human HEPC25 and analogues was observed.
Sequence Length	448
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Sandwich
Detection Range	1.56 ng/mL-100 ng/mL
Sensitivity	0.78 ng/mL (mean of 6 independent assays).
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for HTR7 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate HEPC25 in Human serum, plasma. An antibody specific for HEPC25 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HEPC25 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HEPC25 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of HEPC25 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12621102
NCBI GeneID	65032
NCBI Accession #	NP_075227.1
NCBI GenBank Nucleotide #	NM_022938.2
UniProt Accession #	P32305 ; P97936
Molecular Weight	48,428 Da
NCBI Official Full Name	5-hydroxytryptamine receptor 7

NCBI Official Synonym Full Names	5-hydroxytryptamine (serotonin) receptor 7, adenylate cyclase-coupled
NCBI Official Symbol	Htr7
NCBI Official Synonym Symbols	5Ht7
NCBI Protein Information	5-hydroxytryptamine receptor 7
UniProt Protein Name	5-hydroxytryptamine receptor 7
UniProt Gene Name	Htr7
UniProt Synonym Gene Names	5-HT-7; 5-HT7

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://www.aaabiotech.com/htr7-rat-elisa-kits/5-hydroxytryptamine-receptor-7/55639>