

Human Heparanase-2 (HPSE2) ELISA Kit | HPSE2 elisa kit

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CATALOG #
AAA56011

REACTIVITY
Human

PRODUCT SYNONYMS

Heparanase-2 (HPSE2); Human Heparanase-2 (HPSE2) ELISA Kit; FLJ11684; FLJ44022; HPA2; HPR2; MGC133234; heparanase 3; heparanase-like protein; HPSE2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human HPSE2. No significant cross-reactivity or interference between Human HPSE2 and analogues was observed.
Sequence Length	534
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	62.5 pg/mL - 4000 pg/mL
Sensitivity	41.7 pg/mL (mean of 6 independent assays)
Detection Wavelength	450 nm
Intra-assay Precision (Precision within an assay)	Three samples of known concentration were tested twenty times on one plate to assess intra-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
Intra-Assay	CV
Inter-Assay	CV
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for HPSE2 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate HPSE2 in Human serum, plasma, tissue homogenates. An antibody specific for HPSE2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HPSE2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HPSE2 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 HPSE2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Intended Uses: For the quantitative detection of Human Heparanase-2 (HPSE2) concentration in serum, plasma, tissue homogenates and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	261878503
NCBI GeneID	60495
NCBI Accession #	NP_001159716.1
NCBI GenBank Nucleotide #	NM_001166244.1
UniProt Accession #	Q8WWQ2; Q5VUH4; Q5VUH5; Q5VUH6; Q8WWQ1; Q9HB37; Q9HB38; Q9HB39
Molecular Weight	53,917 Da
NCBI Official Full Name	inactive heparanase-2 isoform 2
NCBI Official Synonym Full Names	heparanase 2 (inactive)
NCBI Official Symbol	HPSE2
NCBI Official Synonym Symbols	UFS; HPA2; HPR2; UFS1
NCBI Protein Information	inactive heparanase-2
UniProt Protein Name	Inactive heparanase-2
UniProt Gene Name	HPSE2
UniProt Synonym Gene Names	HPA2; Hpa2

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/human-elisa-kits/heparanase-2-hpse2/56011>