

Human heparanase ELISA Kit | HPSE elisa kit

Human Heparanase, HPA ELISA Kit

CATALOG #
AAA15474

REACTIVITY
Human

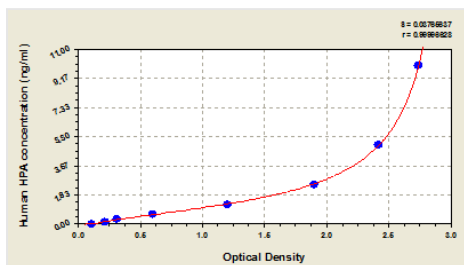
PRODUCT SYNONYMS

heparanase; Human Heparanase; HPA ELISA Kit; HPA ELISA kit; HPA; HPR1; HPSE1; HSE1; heparanase exon 9&10 deletion; heparanase exon10-deletion; heparanase-1; HPSE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human HPA. No significant cross-reactivity or interference between human HPA and analogues was observed.
Sequence Length	543
Samples	Serum, plasma, ascitic fluid, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HPSE elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HPA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HPA present is bound by the immobilized antibody. After removing any unbound substances, a Horseradish Peroxidase (HRP)-conjugated antibody specific for HPA is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of HPA bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148746204
NCBI GeneID	10855
NCBI Accession #	NP_001092010.1
NCBI GenBank Nucleotide #	NM_001098540.2
UniProt Accession #	Q9Y251; Q53GE5; Q9UL39; A9JIG7; C7F7I3; C7F7I4; E9PCA9; E9PGR1
Molecular Weight	61,149 Da
NCBI Official Full Name	heparanase isoform 1 preproprotein
NCBI Official Synonym Full Names	heparanase
NCBI Official Symbol	HPSE
NCBI Official Synonym Symbols	HPA; HPA1; HPR1; HSE1; HPSE1
NCBI Protein Information	heparanase; heparanase-1; endo-glucoronidase
UniProt Protein Name	Heparanase
UniProt Gene Name	HPSE
UniProt Synonym Gene Names	HEP; HPA; HPA1; HPR1; HPSE1; HSE1; Hpa1
UniProt Entry Name	HPSE_HUMAN

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/hpse-human-elisa-kits/heparanase/15474>