

Mouse Heparanase ELISA Kit | HPA/Hpse elisa kit

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CATALOG #
AAA98013

REACTIVITY
Mouse

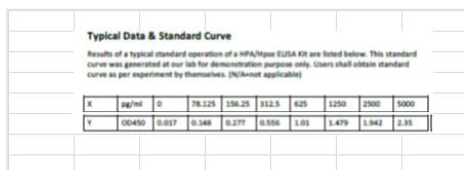
PRODUCT SYNONYMS

Heparanase; Mouse Heparanase ELISA Kit; HPA/Hpse (Heparanase)/HEP/HPA/HPA1/HPR1/HPSE1/HSE1/Endo-glucuronidase/Heparanase-1; HPA/Hpse elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of HPA/Hpse. No significant cross-reactivity or interference between HPA/Hpse and analogues was observed.
Sequence Length	543
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HPA/Hpse were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level HPA/Hpse were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HPA/Hpse elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-HPA/Hpse antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-HPA/Hpse antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the HPA/Hpse amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of HPA/Hpse can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5880863
NCBI GeneID	10855
Molecular Weight	42,791 Da
NCBI Official Full Name	heparanase
NCBI Official Synonym Full Names	heparanase
NCBI Official Symbol	HPSE
NCBI Official Synonym Symbols	HPA; HPA1; HPR1; HSE1; HPSE1
NCBI Protein Information	heparanase
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/hpa-hpse-mouse-elisa-kits/heparanase/98013>