

Human Heparanase ELISA Kit | HPA elisa kit

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CATALOG #
AAA87007

REACTIVITY
Human

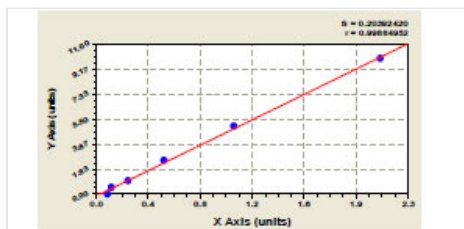
PRODUCT SYNONYMS

Heparanase; Human Heparanase ELISA Kit; HPA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100 -2500pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HPA elisa kit

Intended Uses: This HPA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human HPA. This ELISA kit for research use only!

Principle of the Assay: HPA ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for HPA. Standards or samples are then added to the microtiter plate wells and HPA if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of HPA present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for HPA are added to each well to "sandwich" the HPA immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain HPA and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HPA concentration in each sample is interpolated from this standard curve.

Product Categories/Family for HPA elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	5870624
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; heparanase-1; endo-glucuronidase
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-human-elisa-kits/heparanase/87007>