

Monkey Heparanase ELISA Kit | HPA elisa kit

Monkey Heparanase ELISA Kit

CATALOG #
AAA92424

REACTIVITY
Monkey

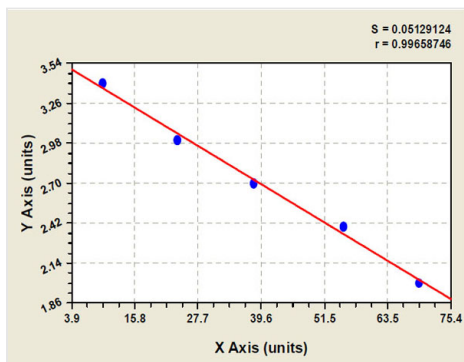
PRODUCT SYNONYMS

Heparanase; Monkey Heparanase ELISA Kit; HPA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This HPA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey HPA. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HPA elisa kit

Principle of the Assay: HPA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HPA antibody and an HPA-HRP conjugate. The assay sample and buffer are incubated together with HPA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HPA concentration since HPA from samples and HPA-HRP conjugate compete for the anti-HPA antibody binding site. Since the number of sites is limited, as more sites are occupied by HPA from the sample, fewer sites are left to bind HPA-HRP conjugate. 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.

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.