

Chicken Heparanase ELISA Kit | HPA elisa kit

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CATALOG #
AAA92531

REACTIVITY
Chicken

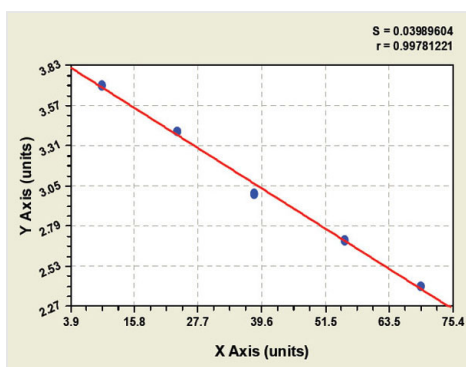
PRODUCT SYNONYMS

Heparanase; Chicken Heparanase ELISA Kit; HPA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/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 Chicken HPA. This ELISA kit for research use only!

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.

Product Categories/Family for HPA elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	5870624
NCBI GeneID	10855
UniProt Accession #	Q9Y251; Q53GE5; Q9UL39
Molecular Weight	61,149 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-chicken-elisa-kits/heparanase/92531>