

Mouse Harpin Binding Protein ELISA Kit | HrBP elisa kit

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CATALOG #
AAA94530

REACTIVITY
Mouse

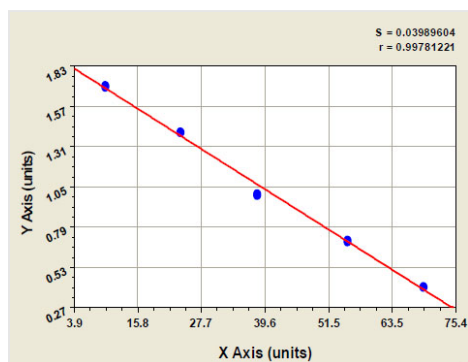
PRODUCT SYNONYMS

Harpin Binding Protein; Mouse Harpin Binding Protein ELISA Kit; HrBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This HrBP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse HrBP. 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 HrBP elisa kit

Principle of the assay: HrBP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HrBP antibody and an HrBP-HRP conjugate. The assay sample and buffer are incubated together with HrBP-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 HrBP concentration since HrBP from samples and HrBP-HRP conjugate compete for the anti-HrBP antibody binding site. Since the number of sites is limited, as more sites are occupied by HrBP from the sample, fewer sites are left to bind HrBP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HrBP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	351725151
NCBI GeneID	548055
NCBI Accession #	NP_001238106.1
NCBI GenBank Nucleotide #	NM_001251177.1
NCBI Official Full Name	harpin binding protein 1
NCBI Official Symbol	HRBP1
NCBI Protein Information	harpin binding protein 1

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/hrbp-mouse-elisa-kits/harpin-binding-protein/94530>