

Human Hyaluronate binding protein ELISA Kit | HABP elisa kit

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CATALOG #
AAA16649

REACTIVITY
Human

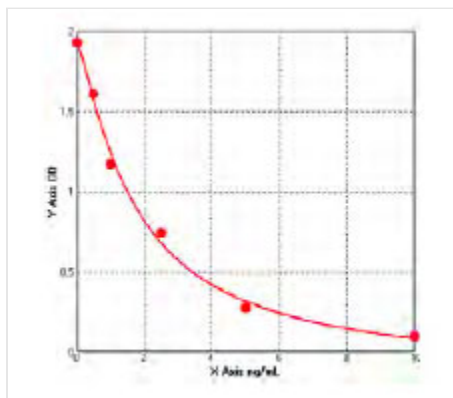
PRODUCT SYNONYMS

Hyaluronate binding protein; Human Hyaluronate binding protein ELISA Kit; Hyaluronate binding protein (Human); HABP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5 -10ng/mL
Sensitivity	0.1ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HABP elisa kit

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

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

Product Categories/Family for HABP elisa kit	Human ELISA Kit
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NCBI AND UNIPROT INFORMATION

NCBI GI #	26051243
NCBI GeneID	7130
NCBI Accession #	NP_009046.2
NCBI GenBank Nucleotide #	NM_007115.3
UniProt Accession #	P98066; Q53TI7; Q8WWI9
Molecular Weight	31,203 Da
NCBI Official Full Name	tumor necrosis factor-inducible gene 6 protein
NCBI Official Synonym Full Names	tumor necrosis factor, alpha-induced protein 6
NCBI Official Symbol	TNFAIP6
NCBI Official Synonym Symbols	TSG6; TSG-6
NCBI Protein Information	tumor necrosis factor-inducible gene 6 protein; TNF alpha-induced protein 6; hyaluronate-binding protein; TNF-stimulated gene 6 protein; tumor necrosis factor alpha-inducible protein 6; tumor necrosis factor-stimulated gene-6 protein
UniProt Protein Name	Tumor necrosis factor-inducible gene 6 protein
UniProt Gene Name	TNFAIP6
UniProt Synonym Gene Names	TSG6; TSG-6
UniProt Entry Name	TSG6_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/habp-human-elisa-kits/hyaluronate-binding-protein/16649>