

Sheep Hypoxia Up Regulated 1 ELISA Kit | HYOU1 elisa kit

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CATALOG #
AAA91808

REACTIVITY
Sheep

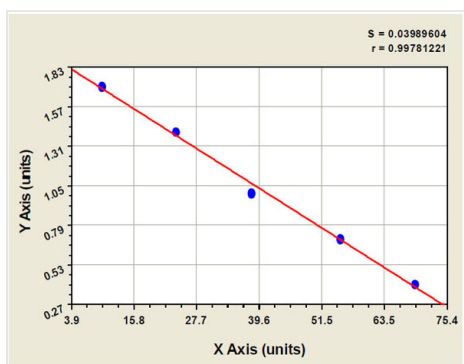
PRODUCT SYNONYMS

Hypoxia Up Regulated 1; Sheep Hypoxia Up Regulated 1 ELISA Kit; HYOU1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This HYOU1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep HYOU1. 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 HYOU1 elisa kit

Principle of the assay: HYOU1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HYOU1 antibody and an HYOU1-HRP conjugate. The assay sample and buffer are incubated together with HYOU1-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 HYOU1 concentration since HYOU1 from samples and HYOU1-HRP conjugate compete for the anti-HYOU1 antibody binding site. Since the number of sites is limited, as more sites are occupied by HYOU1 from the sample, fewer sites are left to bind HYOU1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HYOU1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	195976805
NCBI GeneID	10525
NCBI Accession #	NP_001124463.1
NCBI GenBank Nucleotide #	NM_001130991.2
Molecular Weight	111,335 Da
NCBI Official Full Name	hypoxia up-regulated protein 1
NCBI Official Synonym Full Names	hypoxia up-regulated 1
NCBI Official Symbol	HYOU1
NCBI Official Synonym Symbols	Grp170; HSP12A; ORP150; GRP-170; ORP-150
NCBI Protein Information	hypoxia up-regulated protein 1; 150 kDa oxygen-regulated protein; oxygen regulated protein (150kD); 170 kDa glucose-regulated protein
UniProt Protein Name	Hypoxia up-regulated protein 1
UniProt Gene Name	HYOU1
UniProt Synonym Gene Names	GRP170; ORP150; ORP-150; GRP-170
UniProt Entry Name	HYOU1_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/hyou1-sheep-elisa-kits/hypoxia-up-regulated-1/91808>