

Human HYOU1 ELISA Kit | HYOU1 elisa kit

Human HYOU1 (Hypoxia Up Regulated 1) ELISA Kit

CATALOG #
AAA164754

REACTIVITY
Human

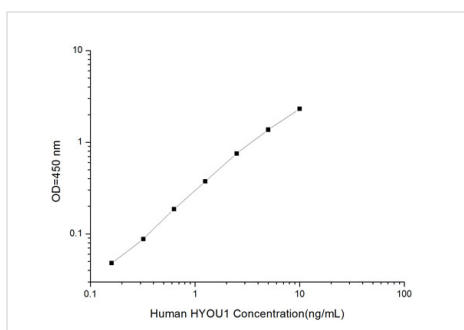
PRODUCT SYNONYMS

HYOU1; Human HYOU1 (Hypoxia Up Regulated 1) ELISA Kit; HYOU1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human HYOU1. No significant cross-reactivity or interference between Human HYOU1 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human HYOU1 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	678
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HYOU1 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HYOU1 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human HYOU1. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human HYOU1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human HYOU1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human HYOU1. You can calculate the concentration of Human HYOU1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47938913
NCBI GeneID	10525
UniProt Accession #	Q9Y4L1; Q2I204; Q53H25; A8C1Z0; B7Z909
Molecular Weight	62,757 Da
NCBI Official Full Name	HYOU1 protein
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; 170 kDa glucose-regulated protein; oxygen regulated protein (150kD)
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://www.aaabiotech.com/human-elisa-kits/hyou1/164754>