

Human Anti-150 kDa Oxygen Regulated Protein Antibody (Anti-ORP150) ELISA Kit | ORP150 elisa kit

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CATALOG #
AAA189625

REACTIVITY
Human

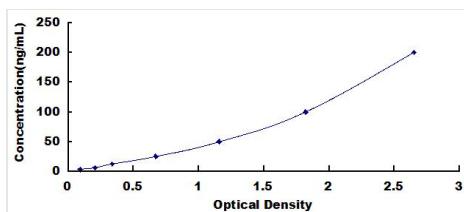
PRODUCT SYNONYMS

Anti-150 kDa Oxygen Regulated Protein Antibody (Anti-ORP150); Human Anti-150 kDa Oxygen Regulated Protein Antibody (Anti-ORP150) ELISA Kit; HYOU1; HSP12A; Grp170; Glucose-Regulated Protein 170; Hypoxia Up Regulated 1; ORP150/150 kDa Oxygen Regulated Protein; ORP150 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-ORP150. No significant cross-reactivity or interference between Anti-ORP150 and analogues was observed.
Samples	Human serum, plasma and other biological fluids
Detection Range	3.12-200ng/mL
Sensitivity	< 1.14ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Anti-ORP150 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Anti-ORP150 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf Life: 8 months The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ORP150 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with ORP150. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-ORP150 will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Anti-ORP150 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is an enzyme immunoassay for in vitro quantitative measurement of Anti-ORP150 in human serum, plasma and other biological fluids.
Product Categories/Family for ORP150 elisa kit	Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	47938913
NCBI GeneID	10525
UniProt Accession #	Q9Y4L1; Q2I204; Q53H25; A8C1Z0
Molecular Weight	111,335 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; glucose-regulated protein 170; 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/human-elisa-kits/anti-150-kda-oxygen-regulated-protein-antibody-anti-orp150/189625>