

Human Hepatocyte growth factor receptor ELISA Kit | HGFR elisa kit

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CATALOG #
AAA84460

REACTIVITY
Human

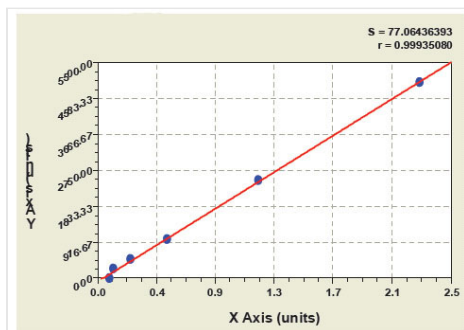
PRODUCT SYNONYMS

Hepatocyte growth factor receptor; Human Hepatocyte growth factor receptor ELISA Kit; HGFR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	250 -5000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This HGFR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human HGFR. 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 HGFR elisa kit

Principle of the Assay: HGFR ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for HGFR. Standards or samples are then added to the microtiter plate wells and HGFR if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of HGFR present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for HGFR are added to each well to "sandwich" the HGFR immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain HGFR and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HGFR concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	188595716
NCBI GeneID	4233
NCBI Accession #	NP_001120972.1
NCBI GenBank Nucleotide #	NM_001127500.1
Molecular Weight	85,745 Da
NCBI Official Full Name	hepatocyte growth factor receptor isoform a
NCBI Official Synonym Full Names	MET proto-oncogene, receptor tyrosine kinase
NCBI Official Symbol	MET
NCBI Official Synonym Symbols	HGFR; AUTS9; RCCP2; c-Met
NCBI Protein Information	hepatocyte growth factor receptor; SF receptor; HGF receptor; HGF/SF receptor; proto-oncogene c-Met; scatter factor receptor; tyrosine-protein kinase Met; met proto-oncogene tyrosine kinase
UniProt Protein Name	Hepatocyte growth factor receptor
UniProt Gene Name	MET
UniProt Synonym Gene Names	HGF receptor; SF receptor
UniProt Entry Name	MET_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/hgfr-human-elisa-kits/hepatocyte-growth-factor-receptor/84460>