

Human c-MET/HGFR ELISA Kit | c-MET/HGFR elisa kit

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CATALOG #
AAA258377

REACTIVITY
Human

PRODUCT SYNONYMS

c-MET/HGFR; Human c-MET/HGFR ELISA Kit; c-MET ELISA Kit; Human; MET proto-oncogene; receptor tyrosine kinase; AUTS9 ELISA Kit; c-Met ELISA Kit; DFNB97 ELISA Kit; HGFR ELISA Kit; RCCP2 ELISA Kit; c-MET/HGFR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	For the quantitative determination of Human c-MET/HGFR concentration in serum and plasma.
Assay Type	Solid Phase Sandwich ELISA (quantitative)
Sample Types	Serum, Plasma
Detection Range	101.56-6500pg/mL
Sensitivity	33.18pg/mL
Conjugation	HRP
Interference	Preparations of the factors listed below at 50ng/mL in a mid-range recombinant human HGFR control were assayed for interference. No significant interference was observed.
Materials Provided	96 well microplate coated with Capture Antibody - Detection Antibody conjugated to HRP - Standards - Wash Buffer Concentrate - Dilution Buffer Concentrate - Color Reagent A - Color Reagent B - Stop Solution

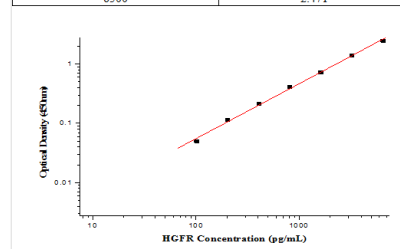
IMAGES

Recombinant human			
HGF	EGFR	IGF-IR	IL-1
IL-2	IL-33	IL-10	IL-8
TNF- α	IL-4	IL-6	IFN- γ
MIP-1 β	TIMP-1	TIMP-2	GM-CSF
SCF	PDGF	VEGF	

Application Data

This assay recognizes both recombinant and natural Human HGFR. The factors listed below were prepared at 50ng/mL in dilution buffer and assayed for cross-reactivity. No cross-reactivity was observed.

Concentration (pg/mL)	Zero standard subtracted OD
0	0
101.56	0.050
203.13	0.113
406.25	0.214
812.5	0.413
1625	0.719
3250	1.400
6500	2.471



Standard Curve (Sample)

This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

ADDITIONAL INFORMATION

Related Product Information for c-MET/HGFR elisa kit	This c-MET ELISA Kit, Human is an enzyme-linked immunosorbent assay for the quantitative measurement of Human c-MET protein in Serum, Plasma. It contains recombinant Human c-MET, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use. Background: Hepatocyte growth factor receptor (HGFR), also known as c-Met or mesenchymal-epithelial transition factor (MET), is a receptor tyrosine kinase (RTK) that is overexpressed and/or mutated in a variety of malignancies. HGFR protein is produced as a single-chain precursor, and HGF is the only known ligand. Normal HGF/HGFR signaling is essential for embryonic development, tissue repair, or wound healing, whereas aberrantly active HGFR has been strongly implicated in tumorigenesis, particularly in the development of invasive and metastatic phenotypes. HGFR protein is a multifaceted regulator of growth, motility, and invasion, and is normally expressed by cells of epithelial origin. Preclinical studies suggest that targeting aberrant HGFR signaling could be an attractive therapy in cancer.
References	McGill GG, et al. (2006) c-Met expression is regulated by Mitf in the melanocyte lineage. J Biol Chem. 281(15): 10365-73. Garcia S, et al. (2007) c-Met overexpression in inflammatory breast carcinomas: automated quantification on tissue microarrays. British journal of cancer. 96(2): 329-35. Socoteanu MP, et al. (2008) c-Met targeted therapy of cholangiocarcinoma. World J Gastroenterol. 14(19): 2990-4. Kong DS, et al. (2009) Prognostic significance of c-Met expression in glioblastomas. Cancer. 115(1): 140-8.

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/c-met-hgfr/258377>