

Canine C.met Proto-Oncogene Protein ELISA Kit | C.met elisa kit

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CATALOG #
AAA90197

REACTIVITY
Canine

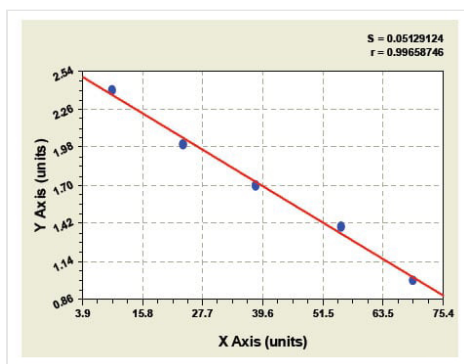
PRODUCT SYNONYMS

C.met Proto-Oncogene Protein; Canine C.met Proto-Oncogene Protein ELISA Kit; C.met elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C.met elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This C-met ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine C-met. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY C-met ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-C-met antibody and an C-met-HRP conjugate. The assay sample and buffer are incubated together with C-met-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 C-met concentration since C-met from samples and C-met-HRP conjugate compete for the anti-C-met antibody binding site. Since the number of sites is limited, as more sites are occupied by C-met from the sample, fewer sites are left to bind C-met-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C-met concentration in each sample is interpolated from this standard curve.
Product Categories/Family for C.met elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	25815188
NCBI GeneID	403438
Molecular Weight	154,637 Da
NCBI Official Full Name	c-Met, partial
NCBI Official Symbol	MET
NCBI Official Synonym Symbols	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_CANFA

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.