

Datasheet for ABIN2703079  
**HGF ELISA Kit**



[Go to Product page](#)

1 Image

## Overview

Quantity:	96 tests
Target:	HGF
Reactivity:	Dog
Method Type:	Sandwich ELISA
Detection Range:	0.24-60 ng/mL
Minimum Detection Limit:	0.24 ng/mL
Application:	ELISA

## Product Details

Purpose:	Canine HGF ELISA Kit for cell culture supernatants, plasma, and serum samples.
Sample Type:	Cell Culture Supernatant, Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This ELISA antibody pair detects canine HGF. Other species not determined.
Sensitivity:	0.24 ng/mL
Characteristics:	<ul style="list-style-type: none"><li>• Strip plates and additional reagents allow for use in multiple experiments</li><li>• Quantitative protein detection</li><li>• Establishes normal range</li><li>• The best products for confirmation of antibody array data</li></ul>
Components:	<ul style="list-style-type: none"><li>• Pre-Coated 96-well Strip Microplate</li></ul>

## Product Details

- Wash Buffer
- Stop Solution
- Assay Diluent(s)
- Lyophilized Standard
- Biotinylated Detection Antibody
- Streptavidin-Conjugated HRP
- TMB One-Step Substrate

Material not included:

- Distilled or deionized water
- Precision pipettes to deliver 2 µL to 1 µL volumes
- Adjustable 1-25 µL pipettes for reagent preparation
- 100 µL and 1 liter graduated cylinders
- Tubes to prepare standard and sample dilutions
- Absorbent paper
- Microplate reader capable of measuring absorbance at 450nm
- Log-log graph paper or computer and software for ELISA data analysis

## Target Details

Target:	HGF
Alternative Name:	HGF ( <a href="#">HGF Products</a> )
Background:	Gene Names: MET  Protein names: Hepatocyte growth factor receptor (HGF receptor) (EC 2.7.10.1) (HGF/SF receptor) (Proto-oncogene c-Met) (Scatter factor receptor) (SF receptor) (Tyrosine-protein kinase Met)
Gene ID:	403438
UniProt:	<a href="#">Q75ZY9</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Glycosaminoglycan Metabolic Process</a> , <a href="#">Synaptic Membrane</a> , <a href="#">Signaling of Hepatocyte Growth Factor Receptor</a>

## Application Details

Application Notes:	Recommended Dilution for serum and plasma samples2 fold
Sample Volume:	100 µL
Plate:	Pre-coated
Protocol:	1. Prepare all reagents, samples and standards as instructed in the manual.

Application Details

- 2. Add 100 µL of standard or sample to each well.
- 3. Incubate 2.5 h at RT or O/N at 4 °C.
- 4. Add 100 µL of prepared biotin antibody to each well.
- 5. Incubate 1 h at RT.
- 6. Add 100 µL of prepared Streptavidin solution to each well.
- 7. Incubate 45 min at RT.
- 8. Add 100 µL of TMB One-Step Substrate Reagent to each well.
- 9. Incubate 30 min at RT.
- 10. Add 50 µL of Stop Solution to each well.
- 11. Read at 450 nm immediately.

Restrictions: For Research Use only

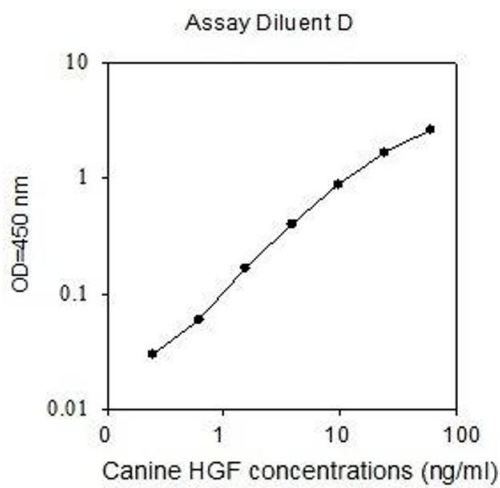
Handling

Storage: -20 °C

Storage Comment: The entire kit may be stored at -20°C for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it is recommended to store at -80°C.

Expiry Date: 6 months

Images



ELISA

Image 1.