

Datasheet for ABIN2703071

SPINT2 ELISA Kit**1** Image[Go to Product page](#)

Overview

Quantity:	96 tests
Target:	SPINT2
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	3-800 pg/mL
Minimum Detection Limit:	3 pg/mL
Application:	ELISA

Product Details

Purpose:	Human HAI-2 ELISA Kit for cell culture supernatants, EDTA and/or Citrate treated plasma, and serum samples. Heparin is not recommended as an anticoagulant for use in this assay.
Sample Type:	Cell Culture Supernatant, Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This ELISA antibody pair detects human HAI-2, less than 0.1 % cross-reactivity with human HAI-1 and mouse HAI-2B is observed
Sensitivity:	3 pg/mL
Characteristics:	<ul style="list-style-type: none">• Strip plates and additional reagents allow for use in multiple experiments• Quantitative protein detection• Establishes normal range• The best products for confirmation of antibody array data

Product Details

Components:	<ul style="list-style-type: none">• Pre-Coated 96-well Strip Microplate• Wash Buffer• Stop Solution• Assay Diluent(s)• Lyophilized Standard• Biotinylated Detection Antibody• Streptavidin-Conjugated HRP• TMB One-Step Substrate
-------------	--

Material not included:	<ul style="list-style-type: none">• 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:	SPINT2
Alternative Name:	HAI-2 (SPINT2 Products)
Background:	Gene Names: SPINT2 HAI2 KOP Protein names: Kunitz-type protease inhibitor 2 (Hepatocyte growth factor activator inhibitor type 2) (HAI-2) (Placental bikunin)
Gene ID:	10653
UniProt:	O43291

Application Details

Application Notes:	Recommended Dilution for serum and plasma samples2 fold
Sample Volume:	100 µL
Plate:	Pre-coated
Protocol:	<ol style="list-style-type: none">1. Prepare all reagents, samples and standards as instructed in the manual.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.

Application Details

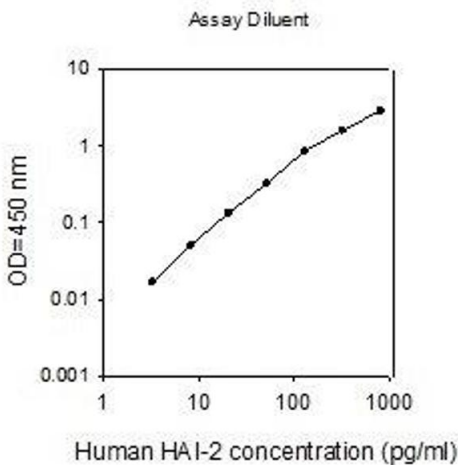
- 5. Incubate 1 h at RT.
- 6. Add 100 µL of prepared Streptavidin solution to each well.
- 7. Incubate 45 min at RT.
- 8. Add 100 µL of TMB One-Step Substrate Reagent to each well.
- 9. Incubate 30 min at RT.
- 10. Add 50 µL of Stop Solution to each well.
- 11. Read at 450 nm immediately.

Sample Preparation:	Collect plasma using EDTA and/or Citrate as anticoagulants. Heparin is not recommended as an anticoagulant for use in this assay.
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.