

## ARG83571 Human TIM-1 / KIM-1 ELISA Kit

Package: 96 wells

Store at: 4°C

### Summary

Product Description	ARG83571 Human TIM-1 / KIM-1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human TIM-1 / KIM-1 in serum, plasma, cell culture supernatants, cell lysates and urine.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	TIM1 / KIM1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	less than 2 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants, Cell lysates and Urine.
Standard Range	31.2 pg/ml - 2000 pg/ml
Sample Volume	100 µl
Alternate Names	KIM-1; TIM1; TIM-1; TIMD-1; HAVcr-1; KIM1; HAVCR; TIMD1; CD365; T-cell immunoglobulin and mucin domain-containing protein 1; TIM; HAVCR-1; T-cell immunoglobulin mucin receptor 1; T-cell membrane protein 1; Kidney injury molecule 1; Hepatitis A virus cellular receptor 1

### Application Instructions

Assay Time ~ 5 hours

### Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

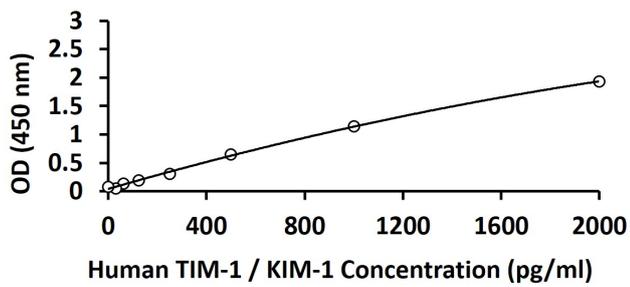
Gene Symbol	HAVCR1
Gene Full Name	hepatitis A virus cellular receptor 1
Background	The protein encoded by this gene is a membrane receptor for both human hepatitis A virus (HHAV) and TIMD4. The encoded protein may be involved in the moderation of asthma and allergic diseases. The reference genome represents an allele that retains a MTTVP amino acid segment that confers protection against atopy in HHAV seropositive individuals. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 4, 12 and 19. [provided by RefSeq, Apr 2015]

**Function** May play a role in T-helper cell development and the regulation of asthma and allergic diseases. Receptor for TIMD4 (By similarity). In case of human hepatitis A virus (HHAV) infection, functions as a cell-surface receptor for the virus. May play a role in kidney injury and repair. [UniProt]

**Highlight** Related products:  
[TIM1 antibodies](#); [TIM1 ELISA Kits](#); [TIM1 Duos / Panels](#);  
New ELISA data calculation tool:  
[Simplify the ELISA analysis by GainData](#)

## Images

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ARG83571 Human TIM-1 / KIM-1 ELISA Kit standard curve image

ARG83571 Human TIM-1 / KIM-1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.