

## ARG82497 Rat SERPINA12 / Vaspin ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG82497-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82497-002	Standard	2 X 10 ng/vial	4°C
ARG82497-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82497-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82497-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82497-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82497-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82497-008	25X Wash buffer	20 ml	4°C
ARG82497-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82497-010	STOP solution	10 ml (Ready to use)	4°C
ARG82497-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG82497 Rat SERPINA12 / Vaspin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Rat SERPINA12 / Vaspin in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Rat
Tested Application	ELISA
Target Name	SERPINA12 / Vaspin
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	10 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 5.0% Inter-Assay CV: 5.8%

Alternate Names Vaspin; Visceral adipose tissue-derived serine protease inhibitor; Visceral adipose-specific serpin; OL-64; Serpin A12

## 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 SERPINA12

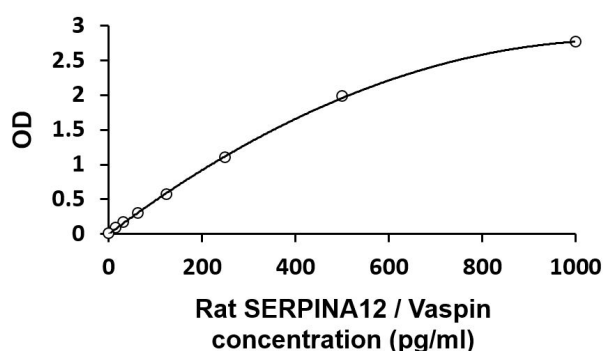
Gene Full Name serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 12

Function Adipokine that modulates insulin action by specifically inhibiting its target protease KLK7 in white adipose tissues. [UniProt]

Highlight Related products:  
[Serpin antibodies](#); [Serpin ELISA Kits](#);  
New ELISA data calculation tool:  
[Simplify the ELISA analysis by GainData](#)

Cellular Localization Secreted. [UniProt]

## Images



ARG82497 Rat SERPINA12 / Vaspin ELISA Kit standard curve image

ARG82497 Rat SERPINA12 / Vaspin ELISA Kit results of a typical standard run with optical density reading at 450 nm.