

## ARG81348 Human HtrA4 ELISA Kit

Package: 96 tests

Store at: 4°C

### Summary

Product Description	ARG81348 Human HtrA4 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human HtrA4 in serum, placenta and cell culture supernatant.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	The HtrA4 ELISA has a high sensitivity and high specificity for quantitative determination of HtrA4. The assay recognizes HtrA4 full length (50 kDa) and the truncated form of HtrA4 (aa. 138-476, 37 kDa). It does not cross-react with human HtrA1 or HtrA3.
Target Name	HtrA4
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	1 ng/ml
Sample Type	Serum, placenta and cell culture supernatant.
Standard Range	1.25 - 80 ng/ml
Sample Volume	100 µl
Alternate Names	Serine protease HTRA4; High-temperature requirement factor A4; EC 3.4.21.-

### Application Instructions

Assay Time	~ 5 hours
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### Properties

Form	Liquid
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

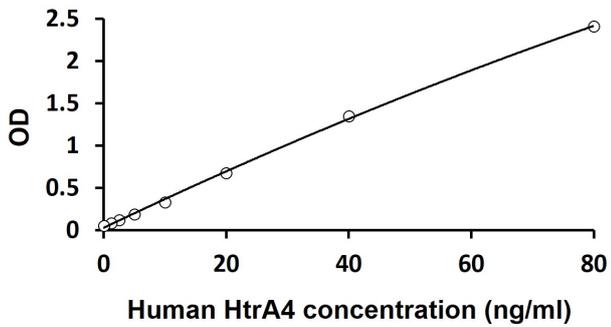
Gene Symbol	HTRA4
Gene Full Name	HtrA serine peptidase 4
Background	This gene encodes a member of the HtrA family of proteases. The encoded protein contains a putative signal peptide, an insulin growth factor binding domain, a Kazal protease inhibitor domain, a conserved trypsin domain and a PDZ domain. Based on studies on other related family members, this enzyme may function as a secreted oligomeric chaperone protease to degrade misfolded secretory proteins. Other human HtrA proteins have been implicated in arthritis, tumor suppression, unfolded stress response, apoptosis, and aging. [provided by RefSeq, Oct 2008]

Function Serine protease. [UniProt]

Highlight Related products:  
[HtrA4 antibodies](#); [HtrA4 ELISA Kits](#);  
New ELISA data calculation tool:  
[Simplify the ELISA analysis by GainData](#)

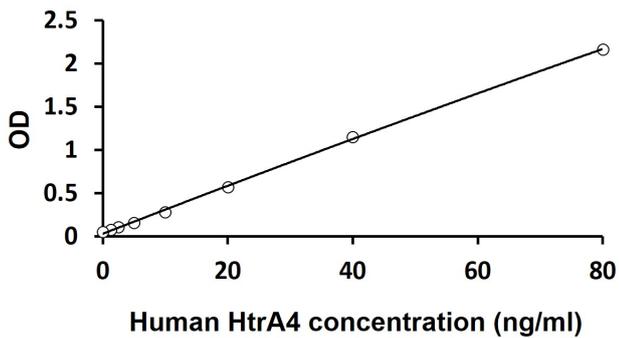
## Images

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ARG81348 Human HtrA4 ELISA Kit standard curve image

ARG81348 Human HtrA4 ELISA Kit results of a typical standard run with optical density reading at 450 nm. (prepared with Assay Buffer).



ARG81348 Human HtrA4 ELISA Kit standard curve image

ARG81348 Human HtrA4 ELISA Kit results of a typical standard run with optical density reading at 450 nm. (prepared with Serum Standard Diluent).