

ARG81349 Human RBM3 ELISA Kit

Package: 96 wells

Store at: 4°C

Summary

Product Description	ARG81349 Human RBM3 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human RBM3 in serum and plasma.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	No significant cross reactivity to Cold inducible Binding protein (CIRBP), human.
Target Name	RBM3
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	10 pg/ml
Sample Type	Serum and plasma.
Standard Range	31.25 - 2000 pg/ml
Sample Volume	50 µl
Alternate Names	RNPL; IS1-RNPL; RNA-binding motif protein 3; RNA-binding protein 3

Application Instructions

Assay Time	~ 2.5 hours
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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	RBM3
Gene Full Name	RNA binding motif (RNP1, RRM) protein 3
Background	This gene is a member of the glycine-rich RNA-binding protein family and encodes a protein with one RNA recognition motif (RRM) domain. Expression of this gene is induced by cold shock and low oxygen tension. A pseudogene exists on chromosome 1. Multiple alternatively spliced transcript variants that are predicted to encode different isoforms have been characterized although some of these variants fit nonsense-mediated decay (NMD) criteria. [provided by RefSeq, Jul 2008]
Function	Cold-inducible mRNA binding protein that enhances global protein synthesis at both physiological and mild hypothermic temperatures. Reduces the relative abundance of microRNAs, when overexpressed.

Enhances phosphorylation of translation initiation factors and active polysome formation (By similarity). [UniProt]

Highlight

Related products:

[RBM3 antibodies](#); [RBM3 ELISA Kits](#);

New ELISA data calculation tool:

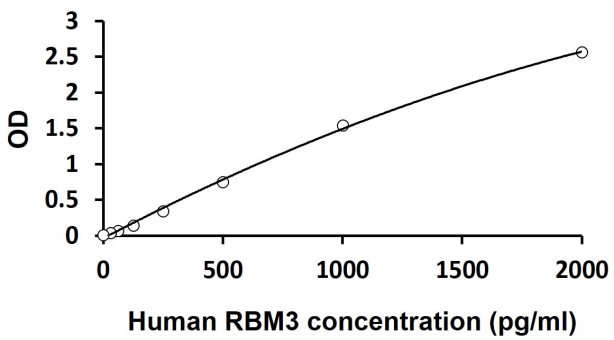
[Simplify the ELISA analysis by GainData](#)

PTM

Arg-105 is dimethylated, probably to asymmetric dimethylarginine.

Phosphorylated. [UniProt]

Images



ARG81349 Human RBM3 ELISA Kit standard curve image

ARG81349 Human RBM3 ELISA Kit results of a typical standard run with optical density reading at 450 nm.