

ARG81351
HMGB1 ELISA Kit

Package: 96 wells

Store at: 4°C

Summary

Product Description	ARG81351 HMGB1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human/Mouse/Rat HMGB1 in serum samples.
Tested Reactivity	Hu, Ms, Rat
Tested Application	ELISA
Target Name	HMGB1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.4 ng/ml
Sample Type	Serum
Standard Range	0.625 - 20 ng/ml
Sample Volume	50 µl
Alternate Names	HMG-1; High mobility group protein B1; High mobility group protein 1; HMG1; SBP-1; HMG3

Application Instructions

Assay Time	~ 2 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	HMGB1
Gene Full Name	high mobility group box 1
Background	This gene encodes a protein that belongs to the High Mobility Group-box superfamily. The encoded non-histone, nuclear DNA-binding protein regulates transcription, and is involved in organization of DNA. This protein plays a role in several cellular processes, including inflammation, cell differentiation and tumor cell migration. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Sep 2015]
Function	DNA binding proteins that associates with chromatin and has the ability to bend DNA. Binds preferentially single-stranded DNA. Involved in V(D)J recombination by acting as a cofactor of the RAG complex. Acts by stimulating cleavage and RAG protein binding at the 23 bp spacer of conserved recombination signal sequences (RSS). Heparin-binding protein that has a role in the extension of

neurite-type cytoplasmic processes in developing cells (By similarity). [UniProt]

Highlight

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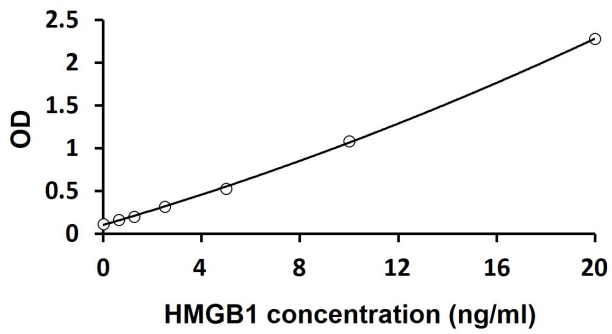
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Images



ARG81351 HMGB1 ELISA Kit standard curve image

ARG81351 HMGB1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.