

## ARG82898 Monkey Myoglobin ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

Product Description	ARG82898 Monkey Myoglobin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Monkey Myoglobin in serum, plasma and cell culture supernatants.
Tested Reactivity	Mk
Tested Application	ELISA
Specificity	The following recombinant Monkey proteins were tested and exhibited no cross-reactivity or interference: ApoA1, BMP1, BMP2, BMP3, BMP4, BMP7, CRP, HGF, HSP27, IL-1 $\alpha$ , IL-1 RI, IL-1 $\beta$ , IL-1RA, IL-2, IL-4, IL-5, IL-6, IL-8, IL-10, IL-12, IL-13, IL-15, IL-17C, IL-21, IL-23, IFN gamma, MMP-2, sIL-2R, sIL-6R, PDGF, PLA2G7, prolactin, TGF $\beta$ 1, TGF $\beta$ 2, TGF $\beta$ 3, TLR1, TLR2, TLR3, TNF- $\alpha$ , TNF RI, TNF RII, VEGF.
Target Name	Myoglobin
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.23 ng/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	0.468 - 30 ng/ml
Sample Volume	100 $\mu$ l
Precision	Intra-Assay CV: 6% Inter-Assay CV: 9%
Alternate Names	PVALB; myoglobin; Myoglobin

### Application Instructions

Assay Time	~ 3 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	MB
Gene Full Name	myoglobin
Background	This gene encodes a member of the globin superfamily and is expressed in skeletal and cardiac muscles. The encoded protein is a haemoprotein contributing to intracellular oxygen storage and transcellular

facilitated diffusion of oxygen. At least three alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq, Jul 2008]

Function

Serves as a reserve supply of oxygen and facilitates the movement of oxygen within muscles. [UniProt]

Highlight

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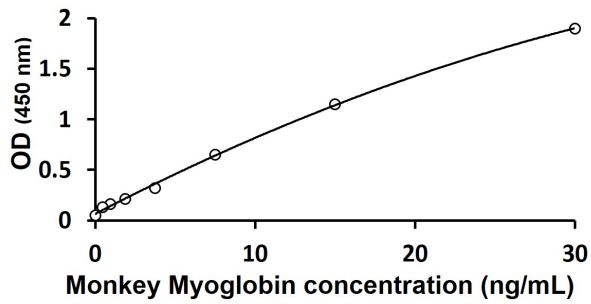
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## Images

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ARG82898 Monkey Myoglobin ELISA Kit

ARG82898 Monkey Myoglobin ELISA Kit results of a typical standard run with optical density reading at 450 nm.