

ARG82321 Mouse Hemoglobin ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG82321 Mouse Hemoglobin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse Hemoglobin in serum and plasma.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	Hemoglobin
Conjugation	HRP
Sensitivity	3.11 ng/ml
Detection Range	Dynamic range: 12.5 - 400 ng/ml
Sample Type	Serum and plasma.
Sample Volume	5 µl
Alternate Names	HBA-T3; Alpha-globin; HBH; Hemoglobin subunit alpha; Hemoglobin alpha chain

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	HBA1
Gene Full Name	hemoglobin, alpha 1
Background	The human alpha globin gene cluster located on chromosome 16 spans about 30 kb and includes seven loci: 5'- zeta - pseudozeta - mu - pseudoalpha-1 - alpha-2 - alpha-1 - theta - 3'. The alpha-2 (HBA2) and alpha-1 (HBA1) coding sequences are identical. These genes differ slightly over the 5' untranslated regions and the introns, but they differ significantly over the 3' untranslated regions. Two alpha chains plus two beta chains constitute HbA, which in normal adult life comprises about 97% of the total hemoglobin; alpha chains combine with delta chains to constitute HbA-2, which with HbF (fetal hemoglobin) makes up the remaining 3% of adult hemoglobin. Alpha thalassemias result from deletions of each of the alpha genes as well as deletions of both HBA2 and HBA1; some nondeletion alpha thalassemias have also been reported. [provided by RefSeq, Jul 2008]
Function	Involved in oxygen transport from the lung to the various peripheral tissues. [UniProt]
Highlight	Related products: Hemoglobin antibodies ; Hemoglobin ELISA Kits ; Hemoglobin Duos / Panels ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

PTM

The initiator Met is not cleaved in variant Thionville and is acetylated. [UniProt]