ARG83326
Human MDGA1 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83326 Human MDGA1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human MDGA1 in Serum, Plasma and Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	MDGA1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	31.5 pg/ml
Detection Range	62.5 pg/ml - 4,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 4.5% Inter-Assay CV: 4.8%
Alternate Names	MDGA1; MAM Domain Containing Glycosylphosphatidylinositol Anchor 1; MAMDC3; GPIM; MAM Domain-Containing Glycosylphosphatidylinositol Anchor Protein 1; Glycosylphosphatidylinositol-MAM; MAM Domain-Containing Protein 3; GPI And MAM Protein

Application Instructions

Assay Time	~ 5 hours

Properties

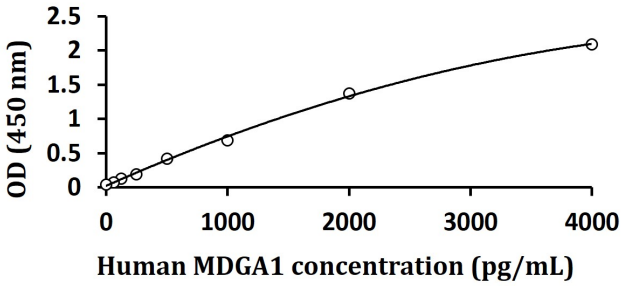
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	MDGA1
Gene Full Name	MAM Domain Containing Glycosylphosphatidylinositol Anchor 1
Background	This gene encodes a glycosylphosphatidylinositol (GPI)-anchored cell surface glycoprotein that is expressed predominantly in the developing nervous system. In addition to possessing several cell adhesion molecule-like domains, the mature protein has six Ig-like domains, a single fibronectin type III domain, a MAM domain and a C-terminal GPI-anchoring site. Studies in other mammals suggest this protein plays a role in cell adhesion, migration, and axon guidance and, in the developing brain,

	neuronal migration. In humans, this gene is associated with bipolar disorder and schizophrenia.
Function	Plays a role in the formation or maintenance of inhibitory synapses. May function by inhibiting the activity of NLGN2.
PTM	Disulfide bond, Glycoprotein, GPI-anchor, Lipoprotein
Cellular Localization	Cell membrane, Membrane

Images



ARG83326 Human MDGA1 ELISA Kit standard curve image

ARG83326 Human MDGA1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.