

ARG82475 Mouse OMD ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82475-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82475-002	Standard	2 X 10 ng/vial	4°C
ARG82475-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82475-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82475-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82475-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82475-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82475-008	25X Wash buffer	20 ml	4°C
ARG82475-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82475-010	STOP solution	10 ml (Ready to use)	4°C
ARG82475-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82475 Mouse OMD ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse OMD in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	OMD
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	78 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	156 - 10000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 4.4% Inter-Assay CV: 6.7%

Alternate Names SLRR2C; Keratan sulfate proteoglycan osteomodulin; Osteoadherin; Osteomodulin; OSAD; KSPG osteomodulin

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 OMD

Gene Full Name osteomodulin

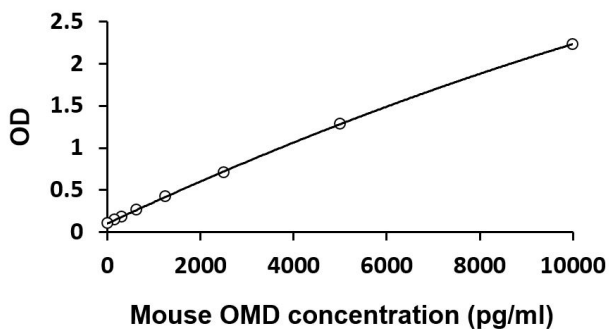
Function May be implicated in biomineralization processes. Has a function in binding of osteoblasts via the alpha(V)beta(3)-integrin (By similarity). [UniProt]

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PTM Binds keratan sulfate chains. [UniProt]

Cellular Localization Secreted, extracellular space, extracellular matrix. [UniProt]

Images



ARG82475 Mouse OMD ELISA Kit standard curve image

ARG82475 Mouse OMD ELISA Kit results of a typical standard run with optical density reading at 450 nm.