

ARG82474 Human OMD ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82474-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82474-002	Standard	2 X 10 ng/vial	4°C
ARG82474-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82474-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82474-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82474-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82474-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82474-008	25X Wash buffer	20 ml	4°C
ARG82474-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82474-010	STOP solution	10 ml (Ready to use)	4°C
ARG82474-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82474 Human OMD ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human OMD in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	OMD
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	31.3 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	62.5 - 4000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 5.0% Inter-Assay CV: 5.8%

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]
Highlight	Related products: OMD antibodies ; OMD ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	Binds keratan sulfate chains. [UniProt]
Cellular Localization	Secreted, extracellular space, extracellular matrix. [UniProt]

Images

