

ARG80164 Human BMP2 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG80164-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG80164-002	Standard (Lyophilized)	3 X 1 ng/vial	4°C
ARG80164-003	Standard diluent buffer	20 ml	4°C
ARG80164-004	Antibody conjugate concentrate	400 µl	4°C
ARG80164-005	Antibody diluent buffer	16 ml	4°C
ARG80164-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80164-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80164-008	20X Wash buffer	50 ml	4°C
ARG80164-009	TMB substrate	12ml	4°C (Protect from light)
ARG80164-010	STOP solution	12ml	4°C
ARG80164-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG80164 Human BMP2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human BMP2 in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Human Activin A, BMP-3,6,7,13, CTGF, CTGFL, Follistatin, GDF-3,5,11, TGF- beta1, beta2, WNT-1
Target Name	BMP2
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	23.44 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	46.875 - 3000 pg/ml

Sample Volume	100 µl
Precision	CV: less than 10%
Alternate Names	BDA2; BMP2A; BMP-2; Bone morphogenetic protein 2A; Bone morphogenetic protein 2; BMP-2A

Application Instructions

Assay Time	4 hours
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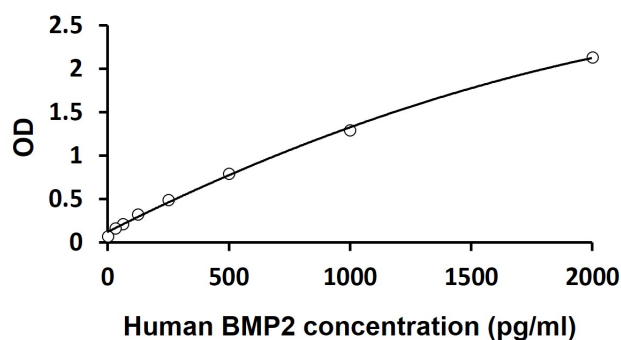
Properties

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

Database links	GeneID: 650 Human Swiss-port # P12643 Human
Gene Symbol	BMP2
Gene Full Name	bone morphogenetic protein 2
Background	The protein encoded by this gene belongs to the transforming growth factor-beta (TGFB) superfamily. The encoded protein acts as a disulfide-linked homodimer and induces bone and cartilage formation. [provided by RefSeq, Jul 2008]
Highlight	Related products: BMP antibodies; BMP ELISA Kits; BMP recombinant proteins; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Research Area	Cancer kit; Cell Biology and Cellular Response kit; Developmental Biology kit; Signaling Transduction kit

Images



ARG80164 Human BMP2 ELISA Kit standard curve image

ARG80164 Human BMP2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.