

ARG81636 Mouse BMP2 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

| Cat. No. | Component Name | Package | Temp |
|--------------|---------------------------------------|----------------------|---|
| ARG81636-001 | Antibody-coated microplate | 8 X 12 strips | 4°C. Unused strips should be sealed tightly in the air-tight pouch. |
| ARG81636-002 | Standard | 2 X 10 ng/vial | 4°C |
| ARG81636-003 | Standard/Sample diluent | 30 ml (Ready to use) | 4°C |
| ARG81636-004 | Antibody conjugate concentrate (100X) | 1 vial (100 µl) | 4°C |
| ARG81636-005 | Antibody diluent buffer | 12 ml (Ready to use) | 4°C |
| ARG81636-006 | HRP-Streptavidin concentrate (100X) | 1 vial (100 µl) | 4°C |
| ARG81636-007 | HRP-Streptavidin diluent buffer | 12 ml (Ready to use) | 4°C |
| ARG81636-008 | 25X Wash buffer | 20 ml | 4°C |
| ARG81636-009 | TMB substrate | 10 ml (Ready to use) | 4°C (Protect from light) |
| ARG81636-010 | STOP solution | 10 ml (Ready to use) | 4°C |
| ARG81636-011 | Plate sealer | 4 strips | Room temperature |

Summary

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|---------------------|---|
| Product Description | ARG81636 Mouse BMP2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse BMP2 in serum and cell culture supernatants. |
| Tested Reactivity | Ms |
| Predict Reactivity | Bov, Dog, Hrs, Mk, Rb |
| Tested Application | ELISA |
| Specificity | There is no detectable cross-reactivity with other relevant proteins. |
| Target Name | BMP2 |
| Conjugation | HRP |
| Conjugation Note | Substrate: TMB and read at 450 nm. |
| Sensitivity | 15.6 pg/ml |
| Sample Type | Serum and cell culture supernatants. |
| Standard Range | 31.2 - 2000 pg/ml |

| | |
|-----------------|---|
| Sample Volume | 100 µl |
| Precision | Intra-Assay CV: 5.4%; Inter-Assay CV: 5.8% |
| Alternate Names | BDA2; BMP2A; BMP-2; Bone morphogenetic protein 2A; Bone morphogenetic protein 2; BMP-2A |

Application Instructions

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|------------|-----------|
| Assay Time | ~ 5 hours |
|------------|-----------|

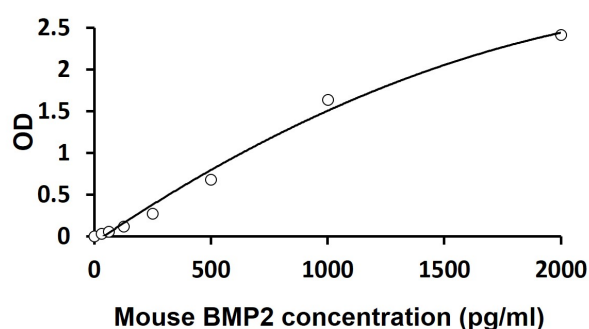
Properties

| | |
|---------------------|--|
| 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 | 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] |
| Function | Induces cartilage and bone formation. [UniProt] |
| Highlight | Related products: BMP antibodies ; BMP ELISA Kits ; BMP recombinant proteins ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData |

Images



ARG81636 Mouse BMP2 ELISA Kit standard curve image

ARG81636 Mouse BMP2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.