

# **Product datasheet**

info@arigobio.com

# ARG81978 Mouse BMP6 ELISA Kit

Package: 96 wells Store at: 4°C

# Component

Cat. No.	Component Name	Package	Temp
ARG81978-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81978-002	Standard	2 X 10 ng/vial	4°C
ARG81978-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81978-004	Antibody conjugate concentrate (100X)	1 vial (100 μl)	4°C
ARG81978-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81978-006	HRP-Streptavidin concentrate (100X)	1 vial (100 μl)	4°C
ARG81978-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81978-008	25X Wash buffer	20 ml	4°C
ARG81978-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81978-010	STOP solution	10 ml (Ready to use)	4°C
ARG81978-011	Plate sealer	4 strips	Room temperature

## Summary

Product Description	ARG81978 Mouse BMP6 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse B	
	in serum and cell culture supernatants.	

Tested Reactivity Ms
Tested Application ELISA

**Specificity** There is no detectable cross-reactivity with other relevant proteins.

Target Name BMP6
Conjugation HRP

Conjugation Note Substrate: TMB and read at 450 nm.

Sensitivity 78 pg/ml

Sample Type Serum and cell culture supernatants.

Standard Range 156 - 10000 pg/ml

Sample Volume  $100 \ \mu l$ 

Precision Intra-Assay CV: 5.6%; Inter-Assay CV: 6.1%

Alternate Names VG-1-related protein; VGR1; BMP-6; VG-1-R; Bone morphogenetic protein 6; VGR-1; VGR

# **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 BMP6

Gene Full Name bone morphogenetic protein 6

Background The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce

ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. Based on its expression early in embryogenesis, the BMP encoded by this gene has a proposed role in early development. In addition, the fact that this BMP is closely related to BMP5 and BMP7 has lead to speculation of possible bone inductive activity. [provided

by RefSeq, Jul 2008]

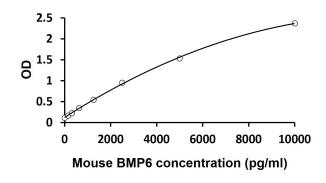
Function Induces cartilage and bone formation. [UniProt]

Highlight Related products:

BMP antibodies; BMP ELISA Kits; BMP recombinant proteins;

New ELISA data calculation tool: Simplify the ELISA analysis by GainData

### **Images**



#### ARG81978 Mouse BMP6 ELISA Kit standard curve image

ARG81978 Mouse BMP6 ELISA Kit results of a typical standard run with optical density reading at 450 nm.