

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

Osteocalcin Mouse Monoclonal Antibody

Code No.	BM399-P5E5
Grade	Affinity Purified
Lot No.	

RECEIVER INFORMATION

Expiry Date	
Storage Temperature	2-8°C
Storage Notes	Avoid repeat freeze thaw cycles
Shipping Temperature	2-8°C

PRODUCT INFORMATION

Specificity	Antibody specifically detects Osteocalcin (Native and Recombinant)
Immunogen	Human recombinant Osteocalcin
Source	Cell Culture
BBI Solutions Clone No.	P5E5
Application	Recommended as the Detection antibody in ELISA / sandwich ELISA assays. Pairs with the Capture antibody BM399-S6A3. BM399-P5E5 is also available in F(ab') ₂ fragment format, product code: BM399-P5E6.
Isotype	IgG _{1k}
Host	Mouse
Purification	Protein A
Presentation	Single homogenous batch, supplied liquid in a 0.1M Borate Buffer Saline buffer at pH 8.0 containing no preservative.

HEALTH AND SAFETY

Application	For in-vitro use and research or further processing only.
Precaution	Potentially hazardous, refer to Safety Information Sheet for general precautions. For specific precautions, Safety Data Sheet available on request

ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
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Determination Method:

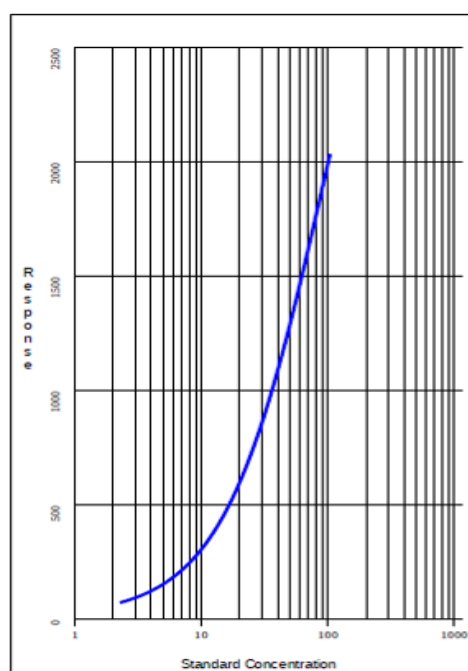
Protein Concentration by
Optical Density at 280nm using
 $E_{0.1\%,1\text{cm}} = 1.45$

≥ 0.5 mg/ml

mg/ml

Sandwich ELISA

An example of a sandwich ELISA performed using BM399-S6A3 as the Capture antibody and BM399-P5E5 (in F(ab')₂ fragment format – BM216-P5E6) as the Detector antibody, showing a dose response from 2-100 ng/ml.



Name:		Position:	
Signed:		Date:	