

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

Free Beta-HCG (Human Chorionic Gonadotropin) Mouse Monoclonal Antibody

Code No.	BM317-S8D2
Grade	Affinity Purified
Lot No.	

RECEIVER INFORMATION

Expiry Date	
Storage Temperature	2-8°C (up to 1 month). Aliquot and store below -15°C (long term)
Storage Notes	Avoid repeat freeze thaw cycles
Shipping Temperature	2-8°C

PRODUCT INFORMATION

Specificity	Antibody specifically detects Human Beta-HCG (Native and Recombinant)
Immunogen	Human recombinant Beta-HCG
Source	Cell Culture
BBI Solutions Clone No.	S8D2
Application	Recommended as the Detection antibody in ELISA. Pairs with the Capture antibody BM317-T7H6. May be used in conjunction with the detection antibody BM317-N2B7. Considered appropriate for use in sandwich ELISA assays.
Isotype	IgG _{1k}
Host	Mouse
Purification	Protein A
Presentation	Single homogenous batch, supplied liquid in 0.1M Phosphate Buffer Saline at pH 7.4, containing 0.05% Sodium azide.

HEALTH AND SAFETY

Application	For in-vitro use and research or further processing only
Precaution	Potentially hazardous. For specific precautions, see Safety Data Sheet.
Material Safety	For further information and technical details, please download a Safety Data Sheet at www.bbisolutions.com or contact your BBI Account Manager.

ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
-------	----------------	---------

Determination Method:

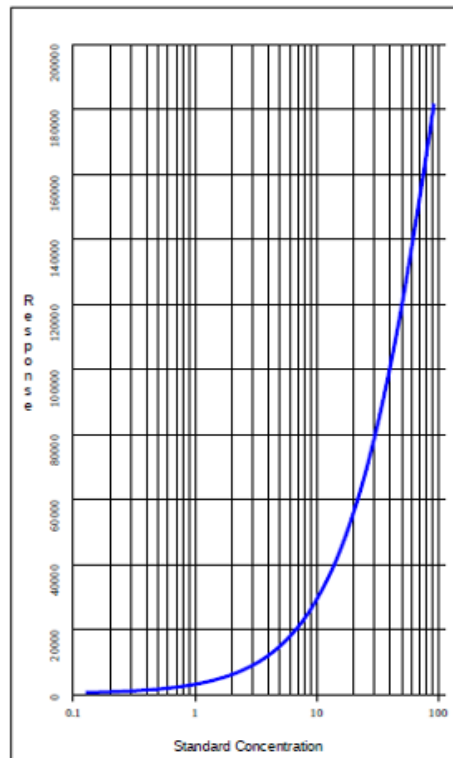
Protein Concentration by
Optical Density at 280nm
using $E_{0.1\%,1cm} = 1.45$

≥ 0.5 mg/ml

mg/ml

Sandwich Immunoassay

An example of a Sandwich Immunoassay standard curve performed using a combination of BM317-S8D2 and BM317-N2B7 as the Detector antibodies and BM317-T7H6 as the Capture antibody showing a dose response from 0.1-100 mIU/ml.



Name:		Position:	
Signed:		Date:	