

# CERTIFICATE OF ANALYSIS

## MONOCLONAL ANTIBODIES

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

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<b>Code No.</b>	<b>BM317-T7H6</b>
<b>Grade</b>	<b>Affinity Purified</b>
<b>Lot No.</b>	

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### RECEIVER INFORMATION

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

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### PRODUCT INFORMATION

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<b>Specificity</b>	Antibody specifically detects Human Beta-hCG (Native and Recombinant)
<b>Immunogen</b>	Human recombinant Beta-hCG
<b>Source</b>	Cell Culture
<b>BBI Solutions Clone No.</b>	T7H6
<b>Application</b>	Recommended as the Capture antibody in ELISA / sandwich ELISA assays. Pairs with the Detection antibodies BM317-N2B7 and/or BM317-S8D2.
<b>Isotype</b>	IgG <sub>1</sub> Kappa
<b>Host</b>	Mouse
<b>Purification</b>	Protein A
<b>Presentation</b>	Single homogenous batch, supplied liquid in a 0.1M Phosphate Buffer Saline at pH7.4 containing 0.05% sodium azide.

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### HEALTH AND SAFETY

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

**ANALYSIS**

TESTS	SPECIFICATIONS	RESULTS
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**Determination Method:**

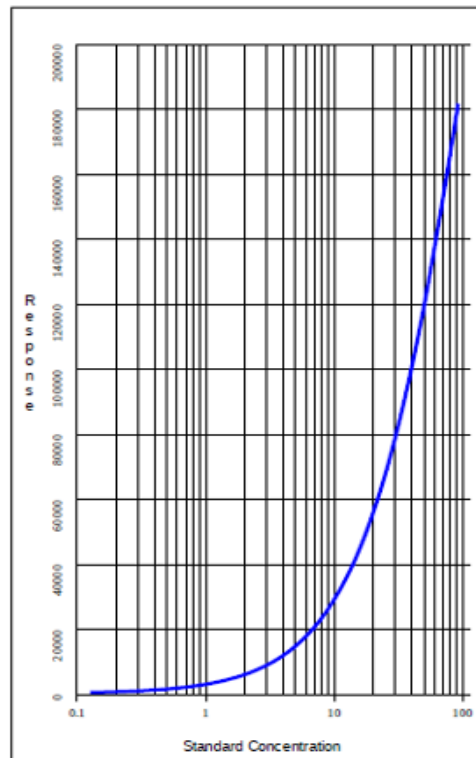
Protein Concentration by  
Optical Density at 280nm  
using  $E_{0.1\%,1\text{cm}} = 1.45$

$\geq 0.5$  mg/ml

mg/ml

**Sandwich ELISA**

An example of a Sandwich ELISA 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.



<b>Name:</b>		<b>Position:</b>	
<b>Signed:</b>		<b>Date:</b>	