

# CERTIFICATE OF ANALYSIS

## MONOCLONAL ANTIBODIES

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### Human Procalcitonin Mouse Monoclonal Antibody

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<b>Code No.</b>	<b>BM448-H9F1</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 Procalcitonin.
<b>Immunogen</b>	Human recombinant Procalcitonin
<b>Source</b>	Ascites
<b>BBI Solutions Clone No.</b>	H9F1
<b>Application</b>	Recommended for use in ELISA and CLIA. Recommended as both a Detection antibody and Capture antibody pairing with BM448-V4A1.
<b>Isotype</b>	IgG <sub>2a</sub>
<b>Host</b>	Mouse
<b>Purification</b>	Protein G
<b>Presentation</b>	Supplied liquid in 0.02M Phosphate Buffer Saline buffer, at pH 7.2 containing 0.05% Proclin 300.

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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**

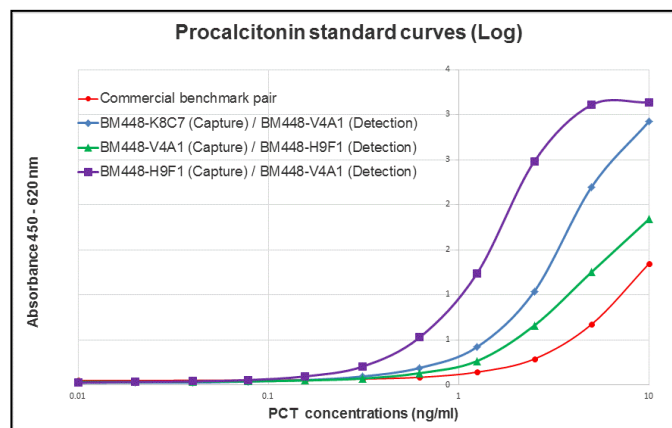
TESTS	SPECIFICATIONS	RESULTS
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**Determination Method:**

Protein Concentration by Optical Density A280 nm.	≥0.5 mg/ml	mg/ml
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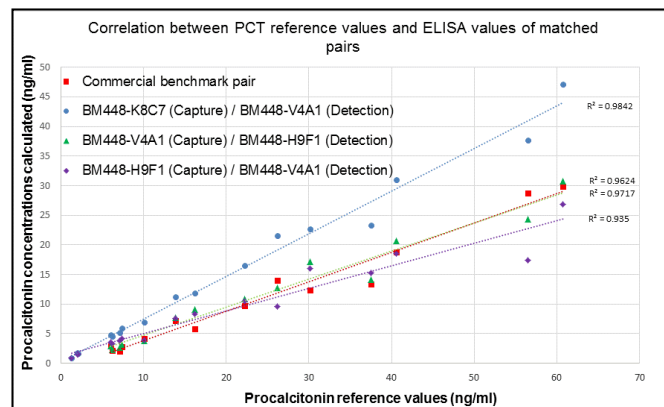
**Purity** Defined as >95% by SDS-PAGE.

**ELISA** Sandwich ELISA standard curves for different procalcitonin antibody matched pairs.



**Patient sample testing.**

Correlation between results gained in Sandwich ELISA on Procalcitonin patient samples and Procalcitonin reference values for the same patient samples measured using a commercial test platform.



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