

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

Human Placental Lactogen Mouse Monoclonal Antibody

Code No.	BM446-F4D6
Grade	Affinity Purified
Lot No.	

RECEIVER INFORMATION

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

Note: product is shipped frozen, but if delayed during shipment, may arrive at destination chilled but thawed. This is acceptable, but customers should consider that a single freeze thaw cycle has occurred and should plan to reduce the occurrence of further freeze thaw cycles

PRODUCT INFORMATION

Specificity	Antibody specifically detects Human Placental Lactogen (native and recombinant)
Immunogen	Human recombinant Placental Lactogen
Source	Cell Culture
BBI Solutions Clone No.	F4D6
Application	Recommended as the capture antibody in ELISA assays. May be used in conjunction with BM446-E6H6 in competitive assays (both antibodies used as capture antibodies).
Isotype	IgG ₁
Host	Mouse
Purification	Protein A
Presentation	Single homogenous batch, supplied liquid [in a 0.1M Borate Buffer Saline buffer at pH 8.0. No preservative] / [in 0.1M Phosphate Buffer Saline at pH 7.4, containing 0.05% Sodium azide]*.

* delete as applicable

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:

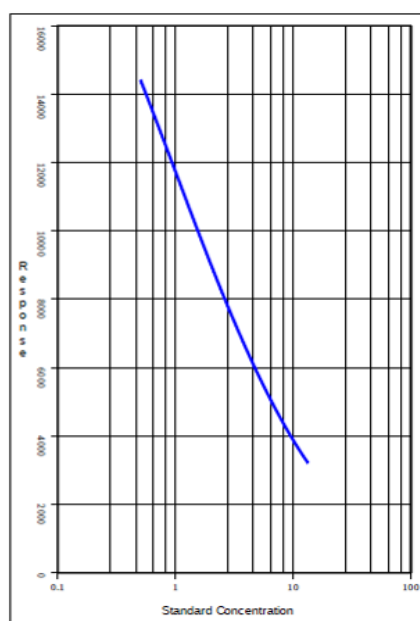
Protein Concentration by
Optical Density at 280nm using
 $E_{0.1\%,1\text{cm}} = 1.45$

≥ 0.5 mg/ml

mg/ml

Competitive Immunoassay

An example of a Competitive Immunoassay standard curve performed using BM446-E6H6 and BM446-F4D6 as Capture antibodies, showing a dose response from 0.4-13 $\mu\text{g/ml}$.



Name:		Position:	
Signed:		Date:	