

## CERTIFICATE OF ANALYSIS

### MAB341P – D-Dimer Monoclonal Antibody

Product Code	MAB341P	Lot no.	XXXXXXXXXX
Host	Mouse	Concentration	X.X mg/mL*
Country of Manufacture	USA	Date of Manufacture	YYYY-MM-DD
Shipping Condition	Dry ice	Expiration Date	YYYY-MM-DD
Storage Temperature:	Store at < -60°C long term. Avoid repeated freeze / thaw cycles.		

**HEALTH AND SAFETY**      The product is supplied for *in vitro* use only. To be used for research and/or further manufacturing purposes and is not to be used in humans or animals.

**Application:**              Colloidal Gold Lateral Flow, Latex agglutination, Red Blood Cell Agglutination, Western blot and ELISA. Recommended as a capture antibody in Sandwich ELISA assays with MAB323P as the detection antibody. MAB341P has been used as the detection antibody in Gold Conjugate lateral flow tests, conjugated to gold colloid particles on the reaction pad.

#### PRODUCT INFORMATION

PARAMETER	SPECIFICATION
Clone Determination	3B6
Immunogen	Human D-Dimer antigen
Isotype	IgG3k
Purification	Ammonium sulfate precipitation
% Purity	> 80 % pure determined by ion exchange chromatography
Specificity	Recognizes D-Dimer, not monomer. Specific for clot derived XL-FDP's
Cross Reactivity	The 3B6 antibody does not react with either fibrinogen or fibrinogen degradation products.
Storage Buffer	Carbonate saline buffer pH 9.2
Preservative	0.09% sodium azide
Working dilution	Determined by user

**Usage Notes**                      Please note that as this product is an IgG<sub>3</sub>, it is inherently unstable with a predisposition to precipitate out if solution upon thawing. Please be advised to thaw at 37°C followed by vortexing to allow for any precipitation to disperse. If the precipitate remains, the product may have to be centrifuged to remove the insoluble material and the concentration re-determined.

\*Optical Density at A280nm using  
E<sub>0.1%,1cm</sub> = 1.60

**QUALITY ASSURANCE**

I confirm that the above batch has been produced in accordance with product specifications and the ISO 13485 certified Quality Management System at Maine Biotechnology Services.

Lot Release Date: YYYY-MM-DD (Only use for previously released lots. Remove if not needed)

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