

## CERTIFICATE OF ANALYSIS

### MONOCLONAL ANTIBODIES

D-Dimer monoclonal mouse antibody

<b>Code no.</b>	<b>BM243-3B6</b>
<b>Grade</b>	<b>Affinity purified</b>
<b>Lot no</b>	<b>N/A – Generic example</b>

#### RECEIVER INFORMATION

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

#### PRODUCT INFORMATION

<b>Reacts with</b>	Human D-Dimer, including SCIPAC's code no.P202-3.
<b>Immunogen</b>	Human Cross-linked D-Dimer.
<b>SCIPAC clone no.</b>	3B6
<b>Application</b>	Colloidal Gold Lateral flow, Latex agglutination, Red Blood Cell Agglutination, Western blot and ELISA. Recommended as a capture antibody with BM243-1D2 in Sandwich Assays – Gold Conjugate lateral flow tests (capture antibody on nitrocellulose) and ELISA (Tag-HRP antibody).
<b>Specificity</b>	Specific for clot derived XL-FDPs.
<b>Cross reactivity</b>	The 3B6 antibody is the only antibody which does not react with either fibrinogen or fibrinogen degradation products. (See WB photo)
<b>Isotype</b>	IgG3.
<b>Host</b>	Mouse.
<b>Purification</b>	Protein A.
<b>Purity</b>	> 80% (ion exchange chromatography)
<b>Presentation</b>	Single homogenous batch, 0.2µM filtered supplied liquid in a 20mM carbonate buffer, pH 9.2 containing 0.09% sodium azide.

#### HEALTH AND SAFETY

<b>Application</b>	For in-vitro use and research or further processing only.
<b>Precaution</b>	Potentially hazardous, refer to safety data sheet for general precautions. Refer to Material safety data sheet for specific information

## ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
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**Determination method:**

Protein Concentration by  
Optical Density at 280nm using  
 $E_{1\%,1cm} = 1.40$

> 0.5 mg/ml

N/A (example only)

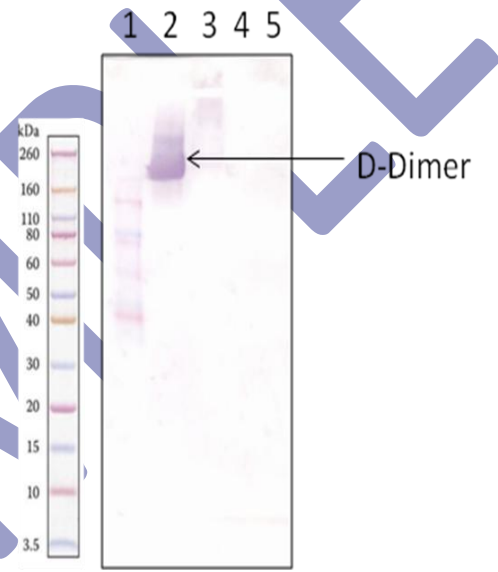
Western blot analysis  
At 1:10,000 dilution

Reactivity with SCIPAC antigen P202-3

Pass

**Fig 1. Western blot analysis of D-Dimer and Fibrinogen reactivity with anti-D-Dimer.(BM243-3B6)**  
*Antibody dilution = 1:10,000*

- (1) Novex sharp STD LC5800
- (2) Non reduced D-Dimer
- (3) Non reduced Human serum
- (4) Non-reduced Fibrinogen
- (5) Non-reduced Plasminogen.



## QUALITY ASSURANCE

Product manufactured under ISO 9001

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

\* Uncontrolled example document. Specifications are liable to change.