

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

NS1 Dengue virus, subtype 4, mouse monoclonal antibody

Code no.	BM408-M2B3
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

PRODUCT INFORMATION

Specificity	Antibody specifically detects NS1 of Dengue virus (Subtype 4).
Immunogen	Purified Dengue (subtype 4) virus antigen.
Source	Ascites of balb/c mouse.
BBI Solutions clone no.	M2B3
Application	For use in immunoassays: Recommended as a detection antibody with BM408-N9G5 as a capture antibody in Lateral Flow.
Isotype	IgG
Host	Mouse
Purification	Protein G
Presentation	Single homogenous batch, supplied liquid in a PBS buffer, pH7.2 containing 0.1% sodium azide.

HEALTH AND SAFETY

Application	For in-vitro use and research or further processing only.
Precaution	The product has been labelled T (toxic) under UK regulations: COSHH Sch 1(6) for sodium azide concentration $\geq 0.1\%$.

ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
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Determination method:

Protein Concentration by
Optical Density at 280nm using
 $E_{1\%,1\text{cm}} = 1.38$

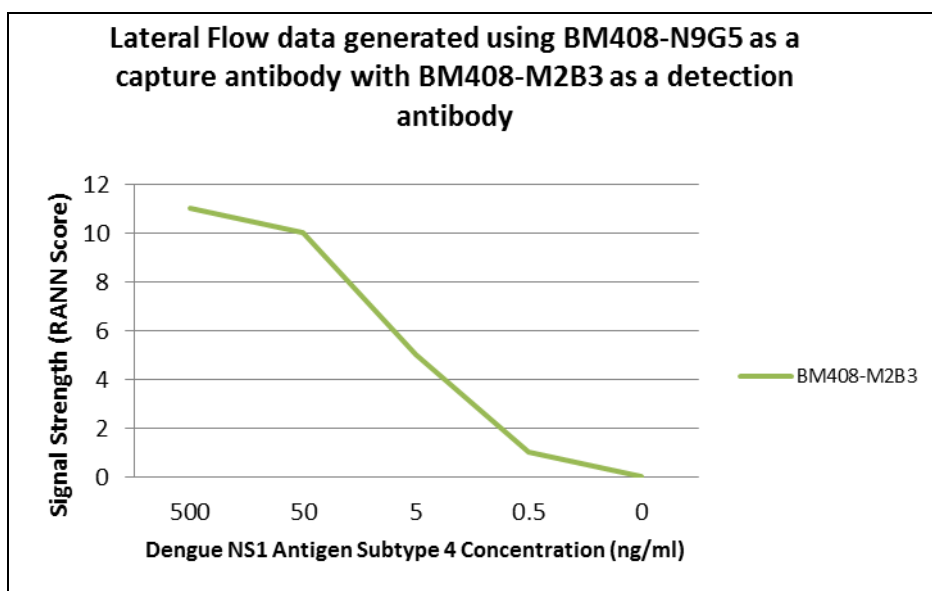
≥ 0.5 mg/ml

mg/ml

Purity

Defined by a major band $\geq 90\%$ on coomassie stained SDS-PAGE.

Lateral Flow An example of lateral flow data generated using a previous Lot of BM408-M2B3 as the detection antibody with BM408-N9G5 as the capture antibody.



Name:		Position:	
Signed:		Date:	