

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

NS1 Dengue virus, subtype 1&2, mouse monoclonal antibody

Code no.	BM404-K2G4
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, human Dengue virus. (Subtype 1, Subtype 2).
Immunogen	Purified from Native Dengue virus, NS1.
Source	Ascites of balb/c mouse.
BBI Solution's clone no.	K2G4
Application	Recommended for use in immunoassays: ELISA, Western Blot and Lateral Flow assays. Recommended as a capture antibody with either BM409-V8F1 or BM409-G3D1 as the detection antibodies.
Isotype	IgG
Host	Mouse
Purification	Protein G
Presentation	Single homogenous batch, supplied liquid in a PBS buffer, pH7.2 containing 0.1% sodium azide.
Purity	≥ 90%.

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 ≥ 0.1%.

ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
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Determination method:

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

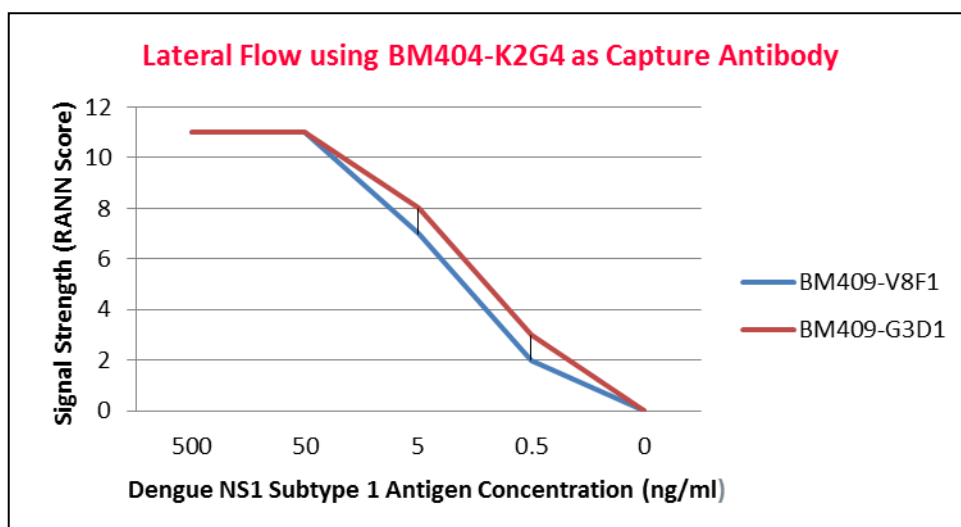
>0.5 mg/ml

mg/ml

Purity

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

Lateral Flow: An example of data using BM404-K2G4 as a capture antibody, with BM409-V8F1 and BM409-G3D1 as detection antibodies in Lateral Flow.



Name:		Position:	
Signed:		Date:	