

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

Glycated HbA1c mouse monoclonal antibody (Anti-HbA1c mAb)

Code No.	BM300-H2E2
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

Reacts With	Human HbA1c, including BBI Solutions code no. PS186-9
Specificity	HbA1c with no cross reactivity with HbA1o.
Immunogen	Purified synthetic glycated peptide.
BBI Solutions Clone No.	H2E2
Application	ELISA, Lateral flow, Latex Agglutination (Turbidimetric Assay). Use as the Detection antibody in HbA1c immunoassays. The antibody forms a matched pair with the Hb antibody BM302-S6B9.
Isotype	IgG1
Host	Mouse
Purification	Protein G
Presentation	Single homogenous batch, supplied liquid in a 10mM Phosphate Buffered Saline buffer, pH 7.4 with 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
 $E_{1\%,1\text{cm}} = 1.4$

>0.5 mg/ml

mg/ml

SDS-Polyacrylamide Gel
Electrophoresis.

To show one band corresponding to
HbA1c IgG molecular weight > 95%.

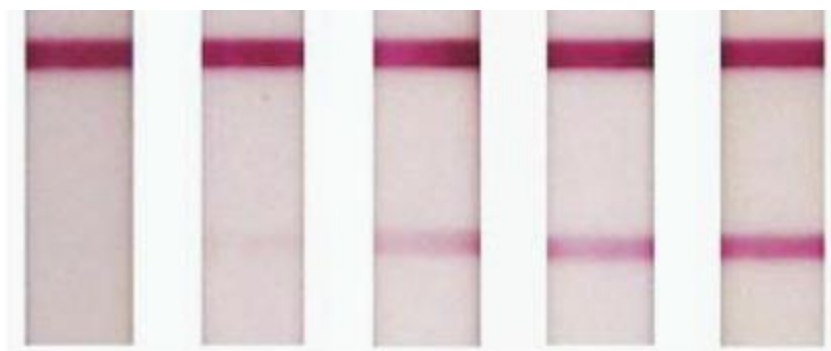
Pass/Fail.

Purity

Defined as a major band on coomassie stained SDS- PAGE.

Lateral Flow: Example data showing performance using previous lots of anti-HbA1c antibody BM300-H2E2 as the detection antibody and anti-Hb antibody BM302-S6B9 as the capture antibody. The percentage of HbA1c is shown shown.

% HbA1c: 5.2 6.5 7.9 9.7 12.1



Name:		Position:	
Signed:		Date:	