

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

HRP2 (Malaria) mouse monoclonal antibody

Code no.	BM340-S1F4
Grade	Affinity purified
Lot no	758-201

RECEIVER INFORMATION

Expiry Date	6 th November 2015
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 the <i>Plasmodium falciparum</i> specific antigen histidine rich protein (HRP2). Does not detect other <i>Plasmodium</i> species.
Immunogen	Purified HRP2 peptide.
Source	Ascites of balb/c mouse.
BBI Solutions clone no.	S1F4.
Application	Recommended as the capture antibody in Lateral Flow assays.
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
 $E_{1\%,1\text{cm}} = 1.40$

>0.5 mg/ml

0.88 mg/ml

Purity

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

Name:		Position:	
Signed:		Date:	