

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

HRP2 (Malaria) mouse monoclonal antibody

Code No.	BM340-F5D2
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 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.	F5D2.
Application	Recommended as both the detection and capture antibody in Lateral Flow assays with the following pairing recommendations: Self pairing as both capture and detection; capture antibody with BM340-S1F4, BM340-Z2D5 or BM340-U7D4 as the detector; detection antibody with BM340-Z2D5, BM340-U7D4 or BM340-V2B8 as the capture 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.

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

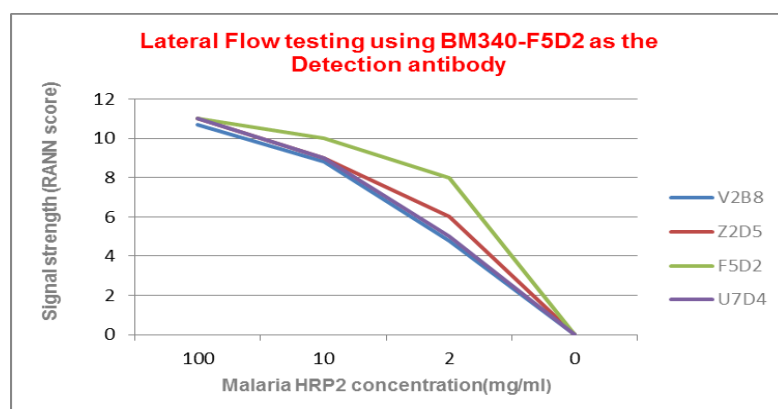
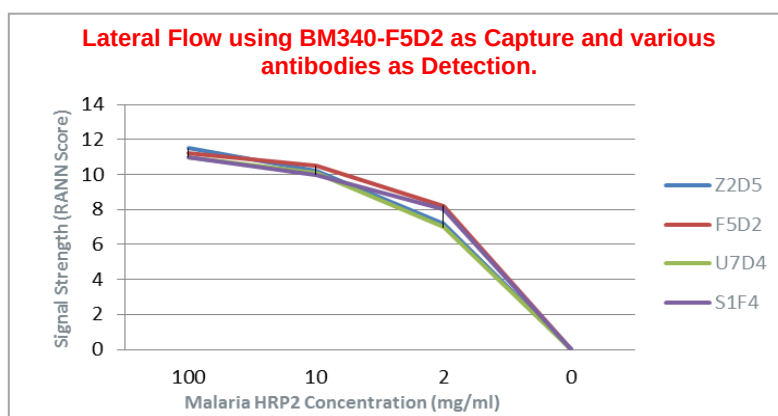
mg/ml

Purity

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

Lateral Flow testing:

Examples using a previous Lot of BM340-F5D2 as the capture and detection antibody in Lateral Flow.



Name:		Position:	
Signed:		Date:	