

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

Giardia Mouse Monoclonal Antibody

Code no.	BM423-V5C5
Grade	Affinity Purified
Lot no.	884-201

RECEIVER INFORMATION

Expiry Date	12 th August 2016
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 Giardia.
Immunogen	Media of Giardia
Source	Ascites
BBI Solutions clone no.	V5C5
Application	Recommended as the capture and detection antibody in Lateral Flow assays. Self-pairing.
Isotype	IgG1
Host	Mouse
Purification	Protein G
Presentation	Single homogenous batch, 0.2µM filtered, supplied liquid in a PBS buffer, pH7.4 containing 0.09% sodium azide.
Purity	≥ 90%.

HEALTH AND SAFETY

Application	For in-vitro use and research or further processing only.
Precaution	Potentially hazardous, refer to safety data sheet for general precautions. Refer to Material safety data sheet for specific information.

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

1.17 mg/ml

Purity

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

Lateral Flow

The image shows BM423-V5C5 used as both Capture and Detection antibody to detect Giardia in a sample from an infected dog. The antibody is self-pairing.

- + Giardia-infected dog stool sample
- Buffer



Name:		Position:	
Signed:		Date:	