

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

Listeria spp. mouse monoclonal antibody

Code no.	BM401-T7B6
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 Notes	Frozen.

PRODUCT INFORMATION

Reacts with	Listeria spp.
Specificity	Antibody detects Listeria spp. including <i>L. monocytogenes</i> , <i>L. innocua</i> , <i>L. ivanovii</i> , <i>L. seeligeri</i> , <i>L. welshimeri</i> . Antibody specific to the flagella antigen (B).
Immunogen	Listeria flagella antigen (B).
Source	Cell culture.
BBI clone no.	T7B6
Application	Lateral flow. Recommended as a capture antibody with BM401-K4H9 as the detection antibody.
Isotype	IgG ₁
Host	Mouse
Purification	Protein A.
Presentation	Single homogenous batch, 0.2µM filtered, supplied liquid in Phosphate Buffered Saline, pH 7.2 containing 0.02% NaN ₃ .

HEALTH AND SAFETY

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

ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
<u>Determination method:</u> Protein Concentration by Optical Density at 280nm $E_{1\%, 1\text{cm}} = 1.35$	$\geq 0.5 \text{ mg/ml}$	mg/ml

Lateral Flow

BM401-K4H9 (detection) was tested with a previous lot of BM401-T7B6 (capture) in a lateral flow assay. Negative Control (Left) Positive Control (Right). (Positive control used was heat killed *Listeria monocytogenes* cells.)



Name:		Position:	
Signed:		Date:	