

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

Listeria spp, mouse monoclonal antibody

Code no.	BM401-K4H9
Grade	Affinity Purified
Lot no	

RECEIVER INFORMATION

Expiry Date	
Storage Temperature	Below -15°C
Shipping Notes	Avoid repeat freeze thaw cycles.
Shipping Temperature	2-8°C

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.welshimer</i> . Antibody, specific to the flagella antigen (B).
Immunogen	Listeria flagella antigen (B).
Source	Cell culture.
BBI clone no.	BBI 3883
Application	ELISA and Lateral flow. Recommended as a capture antibody, (pairing with BM401-M7A5 as the detection antibody) and as a detection antibody, (pairing with BM401-T7B6 as the capture antibody) in lateral flow assays.
Isotype	IgG _{2a}
Host	Mouse
Purification	Protein A.
Presentation	Single homogenous batch, 0.2µM filtered, supplied liquid in Phosphate Buffered Saline, pH 7.2 containing 0.02% sodium azide.

HEALTH AND SAFETY

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

ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
<u>Determination method:</u> Protein Concentration by Optical Density at 280nm $E_{1\%, 1\text{cm}} = 1.35$	≥ 0.5 mg/ml	mg/ml
Isootype determination using Roche Isotyping kit	IgG _{2a}	Pass/Fail

Lateral Flow

An example of a previous Lot of BM401-K4H9 (detection) was tested with BM401-T7B6 (capture) in a lateral flow assay.
 Negative Control (Left) Positive Control (Right)



Name:		Position:	
Signed:		Date:	