



VIDAS® *Listeria* species Express (LSX) Test Solution is
AOAC-RI certified for Meat, Dairy and Environmental.

Certificate of Performance TestedSM Status

CERTIFICATE NO.100501

VIDAS® LSX (30224) a Next Day screening method including Ottaviani Agosti Agar (OAA) for isolation of presumptive *Listeria species* results was compared to USDA/FSIS *Listeria* reference method for meat and environmental samples and to AOAC 993.12 reference method for dairy samples.

VIDAS LSX Inclusivity Study

Number of <i>Listeria</i> species Strains	Results Positive	Results Negative	% Sensitivity	% False Negative
53	53	0	100	0

NOTE: All *Listeria species* tested were positive using the LSX Next Day Solution.
Data set included 17 *L. monocytogenes*, 14 *L. innocua*, 10 *L. welshimeri*, 5 *L. seeligeri*, 4 *L. grayi* and 3 *L. ivanovii*.

VIDAS LSX Exclusivity Study

Number of non- <i>Listeria</i> species Strains	Results Positive	Results Negative	% Sensitivity	% False Negative
70	0	70	100	0

NOTE: All exclusivity organisms tested were negative using the LSX Next Day Solution.
Data set included 41 non-*Listeria* Gram Positive and 29 Gram Negative strains.



MEAT SUMMARY TABLE:**LSX Next Day comparison with USDA-FSIS Reference Method**

Contamination Level	Number Tested	Number MPN/25g	VIDAS® Positive	Reference Positive
Negative Control	25	0	0	0
Low	80	0.28 to 2.3	73	65
Medium	80	5.8 to 10.7	75	71
High	20	60	20	20

Meat product included: Raw pork, frozen ground beef, frankfurters, roast beef and ham.

Strains included: *L. monocytogenes*, *L. innocua* or *L. welshimeri*.

DAIRY SUMMARY TABLE:**LSX Next Day comparison with AOAC 993.14 Reference Method**

Contamination Level	Number Tested	Number MPN/25g	VIDAS® Positive	Reference Positive
Negative Control	25	0	0	0
Low	60	0.09 to 0.96	42	32
Medium	60	2.3 to 5.8	54	50
High	40	11.5 to 12.1	40	40

Product included: Camembert, cheddar cheese, pasteurized milk, yogurt and ice cream.

Strains included: *L. monocytogenes*, *L. innocua*, *L. ivanovii* or *L. seeligeri*.

ENVIRONMENTAL SUMMARY TABLE:**LSX Next Day comparison with USDA-FSIS Reference Method**

		Number Tested	VIDAS® Positive	Reference Positive
Negative Control		45	0	0
<i>L. monocytogenes</i>	Stainless steel, rubber, wood, sealed concrete, cast iron	100	81	79
<i>L. innocua</i>	Ceramic, air filter	40	35	27
<i>L. welshimeri</i>	Plastic	20	19	9

bioMérieux, Inc.
595 Anglum Road
Hazelwood, MO 63042-2320
U.S.A.
Tel: (800) 634 7656
Fax: (314) 731 8673

bioMérieux Canada, Inc.
7815 Henri-Bourassa Boulevard West
St. Laurent (Québec)
Canada H4S 1P7
Tel: (1) 514 336 7321
Fax: (1) 514 807 0015

www.biomerieux-usa.com

