

Data sheet related to the EURL Lm set of *Listeria*  
*monocytogenes* strains

Strain reference	Number of stock culture agar tubes
12MOB045LM	1
12MOB046LM	1
12MOB047LM	1
12MOB048LM	1
12MOB049LM	1
12MOB050LM	1
12MOB051LM	1
12MOB052LM	1
12MOB053LM	1
12MOB079LM	1
12MOB085LM	1
12MOB089LM	1
12MOB096LM	1
12MOB098LM	1
12MOB099LM	1
12MOB100LM	1
12MOB101LM	1
12MOB102LM	1
12MOB103LM	1
12MOB104LM	1
12MOB105LM	1
12MOB106LM	1
12MOB107LM	1
12MOB112LM	1
12MOB118LM	1

Stock culture agar tubes are stored at 3°C after reception.

Strains set: EURL	Genoserotype: II		
Name: <i>Listeria monocytogenes</i>	Date of isolation: 21/06/2011		
Type of microorganism: bacteria	Culture medium: agar <i>Listeria</i> according to		
Strain reference: 12MOB045LM	Ottaviani and Agosti		
Origin: meat products	Temperature: 37°C		
Geographical origin: France	Atmosphere of incubation: air		
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.092±0.000	0.184±0.010	0.137±0.170
Bibliography: Begot et al, 1997 (strain named Lm P1)			

Strains set: EURL	Genoserotype: II		
Name: <i>Listeria monocytogenes</i>	Date of isolation: 21/06/2011		
Type of microorganism: bacteria	Culture medium: agar <i>Listeria</i> according to		
Strains set reference: 12MOB046LM	Ottaviani and Agosti		
Origin: meat products	Temperature: 37°C		
Geographical origin: France	Atmosphere of incubation: air		
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.089±0.000	0.176±0.010	0.132±0.090
Bibliography: Begot et al, 1997 (strain named Lm 27795)			

Strains set: EURL	Genoserotype: II		
Name: <i>Listeria monocytogenes</i>	Date of isolation: 21/06/2011		
Type of microorganism: bacteria	Culture medium: agar <i>Listeria</i> according to		
Strains set reference: 12MOB047LM	Ottaviani and Agosti		
Origin: other products	Temperature: 37°C		
Geographical origin: France	Atmosphere of incubation: air		
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.089±0.000	0.184±0.010	0.123±0.119
Bibliography: Begot et al, 1997 (strain named Lm 4)			

Strains set: EURL	Genoserotype: II		
Name: <i>Listeria monocytogenes</i>	Date of isolation: 21/06/2011		
Type of microorganism: bacteria	Culture medium: agar Listeria according to Ottaviani and Agosti		
Strains set reference: 12MOB048LM			
Origin: other products	Temperature: 37°C		
Geographical origin: France	Atmosphere of incubation: air		
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.089±0.000	0.167±0.006	0.138±0.133
Bibliography: Begot et al, 1997 (strain named Lm 10)			

Strains set: EURL	Genoserotype: II		
Name: <i>Listeria monocytogenes</i>	Date of isolation: 21/06/2011		
Type of microorganism: bacteria	Culture medium: agar Listeria according to Ottaviani and Agosti		
Strains set reference: 12MOB049LM			
Origin: other products	Temperature: 37°C		
Geographical origin: France	Atmosphere of incubation: air		
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.090±0.001	0.170±0.010	0.113±0.108
Bibliography: Begot et al, 1997 (strain named Lm 13)			

Strains set: EURL	Genoserotype: IV		
Name: <i>Listeria monocytogenes</i>	Date of isolation: 21/06/2011		
Type of microorganism: bacteria	Culture medium: agar Listeria according to Ottaviani and Agosti		
Strains set reference: 12MOB050LM			
Origin: other products	Temperature: 37°C		
Geographical origin: France	Atmosphere of incubation: air		
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.090±0.001	0.156±0.019	0.134±0.206
Bibliography: Begot et al, 1997 (strain named Lm 14)			

Strains set: EURL	Genoserotype: II		
Name: <i>Listeria monocytogenes</i>	Date of isolation: 21/06/2011		
Type of microorganism: bacteria	Culture medium: agar Listeria according to Ottaviani and Agosti		
Strains set reference: 12MOB051LM			
Origin: other products	Temperature: 37°C		
Geographical origin: France	Atmosphere of incubation: air		
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.090±0.003	0.170±0.005	0.120±0.219
Bibliography: Begot et al, 1997 (strain named Lm 17)			

Strains set: EURL	Genoserotype: IV		
Name: <i>Listeria monocytogenes</i>	Date of isolation: 21/06/2011		
Type of microorganism: bacteria	Culture medium: agar Listeria according to Ottaviani and Agosti		
Strains set reference: 12MOB052LM			
Origin: other products	Temperature: 37°C		
Geographical origin: France	Atmosphere of incubation: air		
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.091±0.001	0.135±0.000	0.131±0.243
Bibliography: Begot et al, 1997 (strain named Lm 18)			

Strains set: EURL	Genoserotype: IV		
Name: <i>Listeria monocytogenes</i>	Date of isolation: 21/06/2011		
Type of microorganism: bacteria	Culture medium: agar Listeria according to Ottaviani and Agosti		
Strains set reference: 12MOB053LM			
Origin: dairy products	Temperature: 37°C		
Geographical origin: France	Atmosphere of incubation: air		
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.088±0.003	0.172±0.018	0.153±0.145
Bibliography: Begot et al, 1997 (strain named Lm OH Wisconsin)			

Strains set: EURL		Genoserotype: II	
Name: <i>Listeria monocytogenes</i>		Date of isolation: 28/11/2011	
Type of microorganism: bacteria		Culture medium: agar Listeria according to	
Strains set reference: 12MOB079LM		Ottaviani and Agosti	
Origin: dairy products		Temperature: 37°C	
Geographical origin: France		Atmosphere of incubation: air	
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.093±0.001	0.163±0.017	0.121±0.120
Bibliography: /			

Strains set: EURL		Genoserotype: IV	
Name: <i>Listeria monocytogenes</i>		Date of isolation: 19/04/2011	
Type of microorganism: bacteria		Culture medium: agar Listeria according to	
Strains set reference: 12MOB085LM		Ottaviani and Agosti	
Origin: meat products		Temperature: 37°C	
Geographical origin: Belgium		Atmosphere of incubation: air	
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.090±0.003	0.139±0.008	0.137±0.129
Bibliography: /			

Strains set: EURL		Genoserotype: IV	
Name: <i>Listeria monocytogenes</i>		Date of isolation: 19/04/2011	
Type of microorganism: bacteria		Culture medium: agar Listeria according to	
Strains set reference: 12MOB089LM		Ottaviani and Agosti	
Origin: meat products		Temperature: 37°C	
Geographical origin: Belgium		Atmosphere of incubation: air	
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.092±0.004	0.194±0.004	0.126±0.119
Bibliography: /			

Strains set: EURL	Genoserotype: IV		
Name: <i>Listeria monocytogenes</i>	Date of isolation: 28/11/2011		
Type of microorganism: bacteria	Culture medium: agar Listeria according to Ottaviani and Agosti		
Strains set reference: 12MOB096LM			
Origin: dairy products	Temperature: 37°C		
Geographical origin: France	Atmosphere of incubation: air		
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.096±0.002	0.174±0.009	0.137±0.172
Bibliography: /			

Strains set: EURL	Genoserotype: II		
Name: <i>Listeria monocytogenes</i>	Date of isolation: 28/11/2011		
Type of microorganism: bacteria	Culture medium: agar Listeria according to Ottaviani and Agosti		
Strains set reference: 12MOB098LM			
Origin: dairy products	Temperature: 37°C		
Geographical origin: France	Atmosphere of incubation: air		
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.094±0.002	0.174±0.006	0.129±0.154
Bibliography: /			

Strains set: EURL	Genoserotype: II		
Name: <i>Listeria monocytogenes</i>	Date of isolation: 28/11/2011		
Type of microorganism: bacteria	Culture medium: agar Listeria according to Ottaviani and Agosti		
Strains set reference: 12MOB099LM			
Origin: fish products	Temperature: 37°C		
Geographical origin: France	Atmosphere of incubation: air		
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.094±0.001	0.147±0.012	0.124±0.118
Bibliography: /			

Strains set: EURL	Genoserotype: II		
Name: <i>Listeria monocytogenes</i>	Date of isolation: 28/11/2011		
Type of microorganism: bacteria	Culture medium: agar Listeria according to Ottaviani and Agosti		
Strains set reference: 12MOB100LM			
Origin: fish products	Temperature: 37°C		
Geographical origin: France	Atmosphere of incubation: air		
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.088±0.001	0.160±0.031	0.136±0.213
Bibliography: /			

Strains set: EURL	Genoserotype: II		
Name: <i>Listeria monocytogenes</i>	Date of isolation: 28/11/2011		
Type of microorganism: bacteria	Culture medium: agar Listeria according to Ottaviani and Agosti		
Strains set reference: 12MOB101LM			
Origin: fish products	Temperature: 37°C		
Geographical origin: France	Atmosphere of incubation: air		
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.092±0.003	0.168±0.010	0.150±0.188
Bibliography: /			

Strains set: EURL	Genoserotype: IV		
Name: <i>Listeria monocytogenes</i>	Date of isolation: 28/11/2011		
Type of microorganism: bacteria	Culture medium: agar Listeria according to Ottaviani and Agosti		
Strains set reference: 12MOB102LM			
Origin: fish products	Temperature: 37°C		
Geographical origin: France	Atmosphere of incubation: air		
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.092±0.001	0.161±0.012	0.135±0.170
Bibliography: /			

Strains set: EURL	Genoserotype: IV		
Name: <i>Listeria monocytogenes</i>	Date of isolation: 28/11/2011		
Type of microorganism: bacteria	Culture medium: agar Listeria according to Ottaviani and Agosti		
Strains set reference: 12MOB103LM			
Origin: fish products	Temperature: 37°C		
Geographical origin: France	Atmosphere of incubation: air		
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.090±0.001	0.165±0.006	0.169±0.216
Bibliography: /			

Strains set: EURL	Genoserotype: IV		
Name: <i>Listeria monocytogenes</i>	Date of isolation: 28/11/2011		
Type of microorganism: bacteria	Culture medium: agar Listeria according to Ottaviani and Agosti		
Strains set reference: 12MOB104LM			
Origin: fish products	Temperature: 37°C		
Geographical origin: France	Atmosphere of incubation: air		
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.089±0.005	0.175±0.007	0.119±0.080
Bibliography: /			

Strains set: EURL	Genoserotype: IV		
Name: <i>Listeria monocytogenes</i>	Date of isolation: 28/11/2011		
Type of microorganism: bacteria	Culture medium: agar Listeria according to Ottaviani and Agosti		
Strains set reference: 12MOB105LM			
Origin: dairy products	Temperature: 37°C		
Geographical origin: France	Atmosphere of incubation: air		
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.094±0.003	0.168±0.016	0.133±0.132
Bibliography: /			



Strains set: EURL		Genoserotype: IV	
Name: <i>Listeria monocytogenes</i>		Date of isolation: 28/11/2011	
Type of microorganism: bacteria		Culture medium: agar Listeria according to	
Strains set reference: 12MOB106LM		Ottaviani and Agosti	
Origin: dairy products		Temperature: 37°C	
Geographical origin: France		Atmosphere of incubation: air	
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.093±0.002	0.161±0.007	0.140±0.178
Bibliography: /			

Strains set: EURL		Genoserotype: IV	
Name: <i>Listeria monocytogenes</i>		Date of isolation: 28/11/2011	
Type of microorganism: bacteria		Culture medium: agar Listeria according to	
Strains set reference: 12MOB107LM		Ottaviani and Agosti	
Origin: fish products		Temperature: 37°C	
Geographical origin: France		Atmosphere of incubation: air	
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.090±0.002	0.152±0.011	0.114±0.109
Bibliography: /			

Strains set: EURL		Genoserotype: IV	
Name: <i>Listeria monocytogenes</i>		Date of isolation: 28/11/2011	
Type of microorganism: bacteria		Culture medium: agar Listeria according to	
Strains set reference: 12MOB112LM		Ottaviani and Agosti	
Origin: meat products		Temperature: 37°C	
Geographical origin: France		Atmosphere of incubation: air	
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.089±0.003	0.151±0.016	0.115±0.107
Bibliography: /			

Strains set: EURL	Genoserotype: II		
Name: <i>Listeria monocytogenes</i>	Date of isolation: 28/11/2011		
Type of microorganism: bacteria	Culture medium: agar Listeria according to Ottaviani and Agosti		
Strains set reference: 12MOB118LM			
Origin: dairy products	Temperature: 37°C		
Geographical origin: France	Atmosphere of incubation: air		
Growth parameters	At 8°C pH 7 a <sub>w</sub> 0.98	At 20°C pH 5 a <sub>w</sub> 0.98	At 20°C pH 7 a <sub>w</sub> 0.95
Maximum growth rate (h <sup>-1</sup> )	0.093±0.007	0.173±0.025	0.132±0.123
Bibliography: /			