

Detection of salmonella strains - Biline Salmonella SELECTA ELISA Test

Data were obtained by AFNOR expert laboratory. 55 salmonella strains were enriched and tested using Biline Salmonella ELISA method.

Salmonella serotypes like S. Arizonae and non-motile often presenting problems in other detection systems gave positive response

N°	Strain	OD	Result
1	<i>Salmonella Anatum</i>	1.288	+
2	<i>Salmonella Anatum</i>	1.410	+
3	<i>Salmonella Agona</i>	1.715	+
4	<i>Salmonella Arizonae (lactose +)</i>	0.312	+
5	<i>Salmonella Arizonae (lactose +)</i>	0.290	+
6	<i>Salmonella Berta</i>	2.714	+
7	<i>Salmonella Braenderup</i>	1.829	+
8	<i>Salmonella Tennessee</i>	1.170	+
9	<i>Salmonella Brandenburg</i>	1.916	+
10	<i>Salmonella Bredeney</i>	1.993	+
11	<i>Salmonella Cerro</i>	0.678	+
12	<i>Salmonella Cerro</i>	0.654	+
13	<i>Salmonella Derby</i>	1.495	+
14	<i>Salmonella Dublin</i>	3.002	+
15	<i>Salmonella Dublin</i>	2.810	+
16	<i>Salmonella Ealing</i>	1.301	+
17	<i>Salmonella Enteritidis</i>	3.424	+
18	<i>Salmonella Yoruba</i>	1.030	+
19	<i>Salmonella Enteritidis</i>	3.835	+
20	<i>Salmonella Gaminara</i>	1.151	+
21	<i>Salmonella Give</i>	1.397	+
22	<i>Salmonella Hadar</i>	1.759	+
23	<i>Salmonella Heidelberg</i>	1.206	+
24	<i>Salmonella Indiana</i>	1.725	+
25	<i>Salmonella Infantis</i>	1.829	+
26	<i>Salmonella Kottbus</i>	1.203	+

N°	Strain	OD	Result
29	<i>Salmonella Minnesota</i>	1.893	+
30	<i>Salmonella Montevideo</i>	1.025	+
31	<i>Salmonella Napoli</i>	0.905	+
32	<i>Salmonella Newport</i>	0.996	+
33	<i>Salmonella Olso</i>	3.366	+
34	<i>Salmonella Paratyphi A (H₂S-)</i>	0.495	+
35	<i>Salmonella Paratyphi B</i>	0.563	+
36	<i>Salmonella Paratyphi C</i>	1.604	+
37	<i>Salmonella Rissen</i>	1.693	+
38	<i>Salmonella San Diego</i>	2.435	+
39	<i>Salmonella Senftenberg</i>	0.929	+
40	<i>Salmonella Senftenberg</i>	1.198	+
41	<i>Salmonella Typhi (H₂S -)</i>	1.625	+
42	<i>Salmonella Typhimurium</i>	0.814	+
43	<i>Salmonella Typhimurium</i>	1.392	+
44	<i>Salmonella Typhimurium</i>	0.403	+
45	<i>Salmonella Typhimurium</i>	0.866	+
46	<i>Salmonella Typhimurium</i>	1.226	+
47	<i>Salmonella Typhimurium</i>	0.518	+
48	<i>Salmonella Virchow</i>	1.516	+
49	<i>Salmonella i 1,3,19:z27</i>	1.080	+
50	<i>Salmonella I 6,7:-: immobile</i>	1.309	+
51	<i>Salmonella Typhimurium</i>	2.553	+
52	<i>Salmonella Typhimurium</i>	0.692	+
53	<i>Salmonella Typhimurium</i>	2.785	+
54	<i>Salmonella Typhimurium</i>	3.174	+

27	<i>Salmonella Lexington</i>	1.556	+
28	<i>Salmonella Mbandaka</i>	2.405	+

55	<i>Salmonella Typhimurium</i>	1.857	+
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