

Salmonella Diagnostics

Test reagents for screening

Art. No.	Product	Description	Liquid Lyo.	Packing
TR 1101	Anti-Salmonella (A - 67), omnivalent + Vi	Used for initial testing of suspicious colonies to detect the presence of bacteria of the <i>Salmonella</i> genus.	liquid	1 ml
TR 1105			liquid	5 ml
TR 1111	Anti-Salmonella I (A - E) + Vi	Agglutinates salmonellae of the groups O:2 (A) to O:1,3,19 (E ₄).	liquid	1 ml
TR 1115			liquid	5 ml
TR 1121	Anti-Salmonella II (F - 67)	Agglutinates salmonellae of the groups O:11 (F) to O:67.	lyophilised	1 ml
TR 1125			lyophilised	5 ml
TR 1141	Anti-Salmonella Poly-H Phase 1 & 2	Contains antibodies covering H-antigens or complexes: a, b, c, d, E, G, i, k, L, r, y, z, Z _{4r} , z6, Z _{10r} , Z _{29r} , Z _{35r} , Z _{38r} , Z _{41r} , H:1.	liquid	1 ml
TR 1145			liquid	5 ml

O-Group Pool test reagents

First carry out the test with Anti-Salmonella OMA and Anti-Salmonella OMB: Approx. 98 % of *Salmonella* can be assigned. If the strain does not agglutinate, it is recommended to test this strain with Anti-Salmonella Vi. If this reaction is also negative the strain must be agglutinated with Anti-Salmonella OMC, Anti-Salmonella OMD, Anti-Salmonella OME, Anti-Salmonella OMF and Anti-Salmonella OMG.

Art. No.	Product	Description	Liquid Lyo.	Packing
TR 1151	Anti-Salmonella OMA	(A, B, D, E, L)	liquid	1 ml
TR 1152			liquid	3 ml
TR 1161	Anti-Salmonella OMB	(C, F, G, H)	liquid	1 ml
TR 1162			liquid	3 ml
TR 1170	Anti-Salmonella OMC	(I, J, K, M, N, O, P)	liquid	1 ml
TR 1171	Anti-Salmonella OMD	(Q, R, S, T, U, V, W)	liquid	1 ml
TR 1172	Anti-Salmonella OME	(X, Y, Z, 51, 52, 53)	liquid	1 ml
TR 1173	Anti-Salmonella OMF	(54, 55, 56, 57, 58, 59)	liquid	1 ml
TR 1174	Anti-Salmonella OMG	(60, 61, 62, 63, 65, 66, 67)	liquid	1 ml
TR 1316	Anti-Salmonella Vi		liquid	1 ml

H-Phase Pool test reagents

The test, using Anti-Salmonella HMA, Anti-Salmonella HMB or Anti-Salmonella HMC, enables the identification of the most common H-antigens or H-antigen complexes of *Salmonella* strains. Furthermore the presence of the antigen complex H:1 should be tested by Anti-Salmonella H:1 (TR 1437, TR 5437).

Art. No.	Product	Description	Liquid Lyo.	Packing
TR 1181	Anti-Salmonella HMA	(a, b, c, d, i, z _{10'} , z ₂₉)	liquid	1 ml
TR 1182			liquid	3 ml
TR 1183	Anti-Salmonella HMB	(E, G)	liquid	1 ml
TR 1184			liquid	3 ml
TR 1185	Anti-Salmonella HMC	(k, y, z, L, Z _{4'} , r)	liquid	1 ml
TR 1186			liquid	3 ml

Group specific test reagents Anti-Salmonella

Art. No.	Product	Description	Liquid Lyo.	Packing
TR 1201	Anti-Salmonella Group B	Records all antigen combinations of group O:4 (B).	liquid	1 ml
TR 5201			liquid	5 ml
TR 1202	Anti-Salmonella Group C	Records all strains of group O:7 (C ₁) and O:8 (C ₂ -C ₃).	liquid	1 ml
TR 1203	Anti-Salmonella Group D	Records all strains of group O:9 (D ₁), O:9,46 (D ₂) and O:9,46,27 (D ₃).	liquid	1 ml
TR 5203			liquid	5 ml
TR 1204	Anti-Salmonella Group E (O:3 complex)	Records all strains of group O:3,10; O:3,15; O:3,15,34 (E ₁) and O:1,3,19 (E ₄).	liquid	1 ml

Salmonella Diagnostics

Monospecific test reagents Anti-Salmonella O

For use in identifying specific O-antigens or Vi-antigen. The test reagents for specificities that are needed less often are lyophilised (freeze-dried).

Art. No.	Product	Description	Liquid Lyo.	Packing
TR 1301	Anti-Salmonella O:2	group A	liquid	1 ml
TR 1302	Anti-Salmonella O:4	group B	liquid	1 ml
TR 5302			liquid	5 ml
TR 1303	Anti-Salmonella O:5	group B	liquid	1 ml
TR 5303			liquid	5 ml
TR 1304	Anti-Salmonella O:6₁	group C ₂ -C ₃	lyophilised	1 ml
TR 1305	Anti-Salmonella O:7	group C ₁	liquid	1 ml
TR 1306	Anti-Salmonella O:8	group C ₂ -C ₃	liquid	1 ml
TR 1307	Anti-Salmonella O:9	group D	liquid	1 ml
TR 5307			liquid	5 ml
TR 1308	Anti-Salmonella O:10	group E ₁ and group E ₄	liquid	1 ml
TR 1323	Anti-Salmonella O:11	group F	lyophilised	1 ml
TR 1325	Anti-Salmonella O:13	group G	lyophilised	1 ml
TR 1309	Anti-Salmonella O:14	group H	lyophilised	1 ml
TR 1310	Anti-Salmonella O:15	group E ₁	liquid	1 ml
TR 1328	Anti-Salmonella O:16	group I	lyophilised	1 ml
TR 1329	Anti-Salmonella O:17	group J	lyophilised	1 ml
TR 1330	Anti-Salmonella O:18	group K	lyophilised	1 ml
TR 1311	Anti-Salmonella O:19	group E ₄	liquid	1 ml
TR 1312	Anti-Salmonella O:20	group C ₂ -C ₃	liquid	1 ml
TR 1331	Anti-Salmonella O:21	group L	lyophilised	1 ml
TR 1332	Anti-Salmonella O:22	group G	lyophilised	1 ml
TR 1335	Anti-Salmonella O:25	group H	lyophilised	1 ml
TR 1313	Anti-Salmonella O:27	group B and group D ₃	liquid	1 ml
TR 1336	Anti-Salmonella O:28	group M	lyophilised	1 ml
TR 1339	Anti-Salmonella O:30	group N	lyophilised	1 ml
TR 1314	Anti-Salmonella O:34	group E ₃	liquid	1 ml
TR 1341	Anti-Salmonella O:35	group O	lyophilised	1 ml
TR 1344	Anti-Salmonella O:38	group P	lyophilised	1 ml
TR 1345	Anti-Salmonella O:39	group Q	lyophilised	1 ml

Monospecific test reagents Anti-Salmonella O

Art. No.	Product	Description	Liquid Lyo.	Packing
TR 1346	Anti-Salmonella O:40	group R	lyophilised	1 ml
TR 1347	Anti-Salmonella O:41	group S	lyophilised	1 ml
TR 1348	Anti-Salmonella O:42	group T	lyophilised	1 ml
TR 1349	Anti-Salmonella O:43	group U	lyophilised	1 ml
TR 1350	Anti-Salmonella O:44	group V	lyophilised	1 ml
TR 1351	Anti-Salmonella O:45	group W	lyophilised	1 ml
TR 1315	Anti-Salmonella O:46	group D ₂	liquid	1 ml
TR 1353	Anti-Salmonella O:47	group X	lyophilised	1 ml
TR 1354	Anti-Salmonella O:48	group Y	lyophilised	1 ml
TR 1355	Anti-Salmonella O:50	group Z	lyophilised	1 ml
TR 1356	Anti-Salmonella O:51		lyophilised	1 ml
TR 1357	Anti-Salmonella O:52		lyophilised	1 ml
TR 1358	Anti-Salmonella O:53		lyophilised	1 ml
TR 1359	Anti-Salmonella O:54		lyophilised	1 ml
TR 1360	Anti-Salmonella O:55		lyophilised	1 ml
TR 1361	Anti-Salmonella O:56		lyophilised	1 ml
TR 1362	Anti-Salmonella O:57		lyophilised	1 ml
TR 1363	Anti-Salmonella O:58		lyophilised	1 ml
TR 1364	Anti-Salmonella O:59		lyophilised	1 ml
TR 1365	Anti-Salmonella O:60		lyophilised	1 ml
TR 1366	Anti-Salmonella O:61		lyophilised	1 ml
TR 1367	Anti-Salmonella O:62		lyophilised	1 ml
TR 1368	Anti-Salmonella O:63		lyophilised	1 ml
TR 1369	Anti-Salmonella O:65		lyophilised	1 ml
TR 1370	Anti-Salmonella O:66		lyophilised	1 ml
TR 1371	Anti-Salmonella O:67		lyophilised	1 ml

Monospecific test reagent Anti-Salmonella Vi

Identification of the Vi-antigen.

Art. No.	Product	Liquid Lyo.	Packing
TR 1316	Anti-Salmonella Vi	liquid	1 ml

Salmonella Diagnostics

Monospecific test reagents Anti-Salmonella H

For use in identifying or checking the H-antigens or H-antigen complexes of *Salmonella* strains in accordance with the White-Kauffmann-Le-Minor scheme using slide agglutination. They enable the serovar to be determined.

Art. No.	Product	Phase induction	Liquid Lyo.	Packing
TR 1401	Anti-Salmonella H:a	x	liquid	1 ml
TR 1402	Anti-Salmonella H:b	x	liquid	1 ml
TR 1403	Anti-Salmonella H:c	x	liquid	1 ml
TR 1404	Anti-Salmonella H:d	x	liquid	1 ml
TR 1405	Anti-Salmonella H:E	x	liquid	1 ml
TR 5405		x	liquid	5 ml
TR 1407	Anti-Salmonella H:f		lyophilised	1 ml
TR 1406	Anti-Salmonella H:g	x	liquid	1 ml
TR 5406		x	liquid	5 ml
TR 1408	Anti-Salmonella H:g,m	x	liquid	1 ml
TR 5408		x	liquid	5 ml
TR 1409	Anti-Salmonella H:h		liquid	1 ml
TR 1410	Anti-Salmonella H:i	x	liquid	1 ml
TR 5410		x	liquid	5 ml
TS 1411	Anti-Salmonella H:k	x	lyophilised	1 ml
TR 1412	Anti-Salmonella H:L	x	liquid	1 ml
TR 5412		x	liquid	5 ml
TS 1413	Anti-Salmonella H:m		lyophilised	1 ml
TR 1438	Anti-Salmonella H:n	x	liquid	1 ml
TS 1414	Anti-Salmonella H:p		lyophilised	1 ml
TS 1415	Anti-Salmonella H:q		lyophilised	1 ml
TR 1416	Anti-Salmonella H:r	x	liquid	1 ml
TS 1417	Anti-Salmonella H:s		lyophilised	1 ml
TS 1418	Anti-Salmonella H:t		lyophilised	1 ml
TS 1419	Anti-Salmonella H:u		lyophilised	1 ml
TS 1420	Anti-Salmonella H:v		lyophilised	1 ml
TS 1421	Anti-Salmonella H:w		lyophilised	1 ml
TS 1422	Anti-Salmonella H:x		lyophilised	1 ml
TR 1423	Anti-Salmonella H:y	x	liquid	1 ml
TR 1424	Anti-Salmonella H:z	x	liquid	1 ml
TS 1425	Anti-Salmonella H:z_{4r}z₂₃		lyophilised	1 ml

Monospecific test reagents Anti-Salmonella H

Art. No.	Product	Description	Phase induction	Liquid Lyo.	Packing
TS 1426	Anti-Salmonella H:z₆			lyophilised	1 ml,
TR 1427	Anti-Salmonella H:z₁₀		x	liquid	1 ml
TR 1439	Anti-Salmonella H:z₁₃	for use by reference labs		liquid	1 ml
TS 1428	Anti-Salmonella H:z₁₅			lyophilised	1 ml
TR 1440	Anti-Salmonella H:z₂₃			lyophilised	1 ml
TS 1429	Anti-Salmonella H:z₂₄			lyophilised	1 ml
TS 1449	Anti-Salmonella H:z₂₈			lyophilised	1 ml
TS 1430	Anti-Salmonella H:z₂₉			lyophilised	1 ml
TS 1431	Anti-Salmonella H:z₃₂			lyophilised	1 ml
TR 1445	Anti-Salmonella H:z₃₅		x	lyophilised	1 ml
TR 1447	Anti-Salmonella H:z₃₈		x	lyophilised	1 ml
TR 1448	Anti-Salmonella H:z₄₁		x	lyophilised	1 ml
TR 1437	Anti-Salmonella H:1		x	liquid	1 ml
TR 5437			x	liquid	5 ml
TR 1433	Anti-Salmonella H:2			lyophilised	1 ml
TR 5433				lyophilised	5 ml
TS 1434	Anti-Salmonella H:5			lyophilised	1 ml
TR 1435	Anti-Salmonella H:6			lyophilised	1 ml
TS 1436	Anti-Salmonella H:7			lyophilised	1 ml

Salmonella Diagnostics

Salmonella O test antigens for the Widal reaction

For use in establishing the existence and determining the quantity of specific agglutinating *Salmonella* antibodies (or agglutinins) in human sera or sera of other origin in the Widal reaction. The test can be performed in test tubes or on a microtitre plate.

Art. No.	Product	Description	Liquid Lyo.	Packing
TS 1606	Paratyphi A-O test antigen	(2,12)	liquid	10 ml
TS 1601	Paratyphi B-O test antigen	(1,4,5,12)	liquid	10 ml
TS 1607	Paratyphi C-O test antigen	(6,7)	liquid	10 ml
TS 1602	Typhi O test antigen	(9,12)	liquid	10 ml

Salmonella OH test antigens for the Widal reaction

The test with OH-test antigens can be performed in test tubes or on a microtitre plate.

Art. No.	Product	Description	Liquid Lyo.	Packing
TS 1613	Paratyphi A-OH test antigen	(2,12:a:-)	liquid	10 ml
TS 1614	Paratyphi B-OH test antigen	(1,4,5,12:b:1,2)	liquid	10 ml
TS 1615	Paratyphi C-OH test antigen	(6,7:c:1,5)	liquid	10 ml
TS 1616	Typhi OH test antigen	(9,12:d:-)	liquid	10 ml
TS 1611	Typhimurium OH test antigen	(1,4,5,12:i:1,2)	liquid	10 ml
TS 1612	Enteritidis OH test antigen	(1,9,12:g,m:-)	liquid	10 ml

Salmonella H test antigens for the Widal reaction

H-test antigens are suitable only for the test tube test.

Art. No.	Product	Liquid Lyo.	Packing
TS 1631	H:a test antigen	liquid	10 ml
TS 1632	H:b test antigen	liquid	10 ml
TS 1633	H:c test antigen	liquid	10 ml
TS 1603	H:d test antigen	liquid	10 ml

Control sera for the *Salmonella* O and OH test antigens

For use in system control and in checking the agglutinability of the *Salmonella* test antigens in the Widal reaction. The test can be performed in test tubes or on a microtitre plate.

Art. No.	Product	Packing
TS 1626	Anti-Salmonella Paratyphi A	1 ml
TS 1604	Anti-Salmonella Paratyphi B	1 ml
TS 1627	Anti-Salmonella Paratyphi C	1 ml
TS 1605	Anti-Salmonella Typhi	1 ml
TS 1624	Anti-Salmonella Typhimurium	1 ml
TS 1625	Anti-Salmonella Enteritidis	1 ml

Control sera for the *Salmonella* H test antigens

For use in system control and in checking the agglutinability of the *Salmonella* test antigens in the Widal reaction. The test can be performed in test tubes only.

Art. No.	Product	Description	Packing
TS 1641	Anti-Salmonella H:a	(2,12)	1 ml
TS 1642	Anti-Salmonella H:b	(1,4,5,12)	1 ml
TS 1643	Anti-Salmonella H:c	(6,7)	1 ml
TS 1644	Anti-Salmonella H:d	(9,12)	1 ml