

E. coli
Salmonella
Haemophilus

mastassure™

**Bacterial Agglutinating Antisera
and Febrile Antigens**

Shigella
Vibrio
Campylobacter
Bordetella
Clostridium
Legionella
Pseudomonas
Staphylococcus
Listeria
Streptococcus
Yersinia
Proteus
Brucella



- High quality performance
- Reliable identification
- Easy to read
- Extensive range available

Order No	Product	Packsize
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MAST ASSURE™ ANTISERA - STOCK LIST

All stock antisera are CE marked for IVD use

E.COLI O ANTISERA - MONOVALENT

M12014	<i>Escherichia coli</i> Factor	O26	2ml
M12016	<i>Escherichia coli</i> Factor	O111	2ml
M12017	<i>Escherichia coli</i> Factor	O119	2ml
M12018	<i>Escherichia coli</i> Factor	O127a	2ml
M12030	<i>Escherichia coli</i> Factor	O157	2ml

E.COLI O ANTISERA - POLYVALENT

M14263	<i>E.coli</i> POLY 2 Factors O26, O55, O111, O119, O126		2ml
M14270	<i>E.coli</i> POLY 3 Factors O86, O114, O125, O127, O128		2ml
M14287	<i>E.coli</i> POLY 4 Factors O44, O112, O124, O142		2ml

HAEMOPHILUS INFLUENZAE ANTISERA

M11303	<i>H.influenzae</i> Type b		2ml
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SALMONELLA O ANTISERA - MONOVALENT

M10310	Salmonella O Factor	O2	2ml
M10311	Salmonella O Factor	O4	2ml
M10312	Salmonella O Factor	O7	2ml
M10313	Salmonella O Factor	O8	2ml
M10314	Salmonella O Factor	O9	2ml
M10316	Salmonella O Factor	O3,10	2ml
M10320	Salmonella O Factor	O13	2ml
M10321	Salmonella O Factor	O6,14	2ml
M10326	Salmonella O Factor	Vi	2ml

SALMONELLA H ANTISERA - MONOVALENT

M10327	Salmonella H Factor	a	2ml
M10328	Salmonella H Factor	b	2ml
M10329	Salmonella H Factor	c	2ml
M10330	Salmonella H Factor	d	2ml
M10331	Salmonella H Factor	e, h	2ml
M14335	Salmonella H Factor	E	2ml
M10332	Salmonella H Factor	G	2ml
M10333	Salmonella H Factor	i	2ml
M10334	Salmonella H Factor	k	2ml
M10336	Salmonella H Factor	r	2ml
M10344	Salmonella H Factor	2	2ml
M10345	Salmonella H Factor	5	2ml
M10346	Salmonella H Factor	6	2ml
M10364	Salmonella H Factor	f	2ml
M10365	Salmonella H Factor	m	2ml
M10366	Salmonella H Factor	p	2ml
M10367	Salmonella H Factor	q	2ml
M10368	Salmonella H Factor	s	2ml
M10369	Salmonella H Factor	t	2ml

MAST ASSURE™ ANTISERA - STOCK LIST

All stock antisera are CE marked for IVD use

SALMONELLA O ANTISERA - POLYVALENT

M10308	POLY O	Factor O2, O4, O7, O8, O9, O9, 46, O3, 10 and O1,3,19	2ml
M10309	POLY O1	Factor O11, O13, O6, 14, O16, O18, O21 and O35	2ml
M14294	POLY O	A-G	2ml
M14300	POLY O	A-S	2ml
M92537	Omnivalent	(Kauffmann-White group A-067)	2ml

SALMONELLA H ANTISERA - POLYVALENT

M14317	POLYVALENT PHASE 1&2	(a-z29)	2ml
M10339	POLYVALENT PHASE 2	(H-1)	2ml
M14324	RAPID DIAGNOSTIC 1	Factors b, d, E, r	2ml
M14331	RAPID DIAGNOSTIC 2	Factors b, E, k, l	2ml
M14348	RAPID DIAGNOSTIC 3	Factors d, E, G, k	2ml

SHIGELLA ANTISERA - MONOVALENT

M10116	<i>Shigella dysenteriae</i>	Type 1	2ml
M10126	<i>Shigella flexneri</i>	Type I	2ml
M10127	<i>Shigella flexneri</i>	Type II	2ml
M10130	<i>Shigella flexneri</i>	Type V	2ml
M10131	<i>Shigella flexneri</i>	Type VI	2ml
M10136	<i>Shigella boydii</i>	Type 2	2ml
M10150	<i>Shigella sonnei</i>	Phase I	2ml
M10151	<i>Shigella sonnei</i>	Phase II	2ml

SHIGELLA ANTISERA - POLYVALENT

M10109	<i>S.dysenteriae</i> POLY A	Types 1, 2, 3, 4, 5, 6, 7	2ml
M10110	<i>S.dysenteriae</i> POLY A1	Types 8, 9, 10, 11, 12	2ml
M10111	<i>S. flexneri</i> POLY B	Types I, II, III, IV, V, VI, Groups (3)4, 6, 7(8)	2ml
M10112	<i>S.boydii</i> POLY C	Types 1, 2, 3, 4, 5, 6, 7	2ml
M10113	<i>S.boydii</i> POLY C1	Types 8, 9, 10, 11	2ml
M10114	<i>S.boydii</i> POLY C2	Types 12, 13, 14, 15	2ml
M10154	<i>S.boydii</i> POLY C3	Types 16, 17, 18	2ml
M10115	<i>S.sonnei</i> POLY D	Phase I & II	2ml

VIBRIO ANTISERA

M11002	<i>Vibrio cholerae</i> POLY (INABA, OGAWA)		2ml
M11003	<i>Vibrio cholerae</i> INABA		2ml
M11004	<i>Vibrio cholerae</i> OGAWA		2ml
M15001	<i>Vibrio cholerae</i> O139 (Bengal)		2ml

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

Lead time 8 weeks

BORDETELLA ANTISERA

M11501/NCE	This antiserum agglutinates Phase I <i>B.pertussis</i> but does not agglutinate Phase III <i>B.pertussis</i> , <i>B.parapertussis</i> , nor <i>B.bronchiseptica</i> .	No CE Mark	2ml
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CAMPYLOBACTER ANTISERA

M13001	Campylobacter Antisera Set Reagents for the serotyping of Campylobacter by a passive haemagglutination (PHA) method. This set consists of: 2ml each of antisera (groups A, B, C, D, E, F, G, I, J, K, L, N, O, P, R, S, U, V, Y, Z, Z2, Z4, Z5, Z6 and Z7) 2ml x 1 vial of reference antiserum for red blood cells.		26 x 2ml
M13002	Campylobacter group A antiserum		2ml
M13003	Campylobacter group B antiserum		2ml
M13004	Campylobacter group C antiserum		2ml
M13005	Campylobacter group D antiserum		2ml
M13006	Campylobacter group E antiserum		2ml
M13007	Campylobacter group F antiserum		2ml
M13008	Campylobacter group G antiserum		2ml
M13009	Campylobacter group I antiserum		2ml
M13010	Campylobacter group J antiserum		2ml
M13011	Campylobacter group K antiserum		2ml
M13012	Campylobacter group L antiserum		2ml
M13013	Campylobacter group N antiserum		2ml
M13014	Campylobacter group O antiserum		2ml
M13015	Campylobacter group P antiserum		2ml
M13016	Campylobacter group R antiserum		2ml
M13017	Campylobacter group S antiserum		2ml
M13018	Campylobacter group U antiserum		2ml
M13019	Campylobacter group V antiserum		2ml
M13020	Campylobacter group Y antiserum		2ml
M13021	Campylobacter group Z antiserum		2ml
M13022	Campylobacter group Z2 antiserum		2ml
M13023	Campylobacter group Z4 antiserum		2ml
M13024	Campylobacter group Z5 antiserum		2ml
M13025	Campylobacter group Z6 antiserum		2ml
M13026	Campylobacter group Z7 antiserum		2ml
M13027	Reference antiserum		2ml
M42201	Reagent for preparing Sensitized Blood Cells Fixed Chick RBCs Extraction Reagent-1 Extraction Reagent-2 Extraction Reagent-3 Buffer solution		50 tests 13ml x 1 vial 13ml x 1 vial 13ml x 1 vial 50ml x 2 vials

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

Lead time 8 weeks

**CLOSTRIDIUM PERFRINGENS TYPE A ANTISERA
(HEAT RESISTANT C.WELCHII: HOBBS 1952)**

M10601/NCE	<p>Clostridium perfringens type A Antisera Set This set consists of 4 Polyvalent and 17 Monovalent antisera.</p> <p>Polyvalent Polyvalent I: Type 1, 2, 3, 4 and 5 Polyvalent II: Type 6, 7, 8 and 9 Polyvalent III: Type 10, 11, 1,2 and 13 Polyvalent IV: Type 14, 15, 16 and 17</p> <p>Monovalent Type 1~17</p>	No CE Mark	2ml x 21
M10604/NCE	<p>Clostridium perfringens Polyvalent Polyvalent I: 1, 2, 3, 4 and 5</p>	No CE Mark	2ml

E.COLI ANTISERA SETS

M12001	<p>Escherichia coli Antisera Set 1 This set consists of 8 Polyvalents and 43 O (OK) sera.</p> <p>Polyvalent Serum Polyvalent 1: O1, O26, O86a, O111, O119, O127a and O128 Polyvalent 2: O44, O55, O125, O126, O146 & O166 Polyvalent 3: O18, O114, O142, O151, O157 & O158 Polyvalent 4: O6, O27, O78, O148, O159 and O168 Polyvalent 5: O20, O25, O63, O153 and O167 Polyvalent 6: O8, O15, O115 and O169 Polyvalent 7: O28ac, O112ac, O124, O136 and O144 Polyvalent 8: O29, O143, O152, and O164</p> <p>Monovalent Sera All individual types constituting above polyvalent sera.</p>	2ml x 51
M12002	<p>Escherichia coli Antisera Set 2 This set consists of 22 H-sera. H-sera: 2, 4, 5, 6, 7, 9, 10, 11, 12, 16, 18, 19, 20, 21, 27, 28, 34, 40, 42,41, 45 and 51</p>	5ml x 22

E.COLI O ANTISERA POLYVALENT

M12005	<i>E.coli</i> POLY D1 (O1, O26, O86a, O111, O119, O127a, O128)	2ml
M12006	<i>E.coli</i> POLY D2 (O44, O55, O125, O126, O146, O166)	2ml
M12007	<i>E.coli</i> POLY D3 (O18, O114, O142, O151, O157, O158)	2ml
M12008	<i>E.coli</i> POLY D4 (O6, O27, O78, O148, O159, O168)	2ml
M12009	<i>E.coli</i> POLY D5 (O20, O25, O63, O153, O167)	2ml
M12010	<i>E.coli</i> POLY D6 (O8, O15, O115, O169)	2ml
M12011	<i>E.coli</i> POLY D7 (O28ac, O112ac, O124, O136, O144)	2ml
M12012	<i>E.coli</i> POLY D8 (O29, O143, O152, O164)	2ml

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

Lead time 8 weeks

E.COLI O ANTISERA MONOVALENT

M12013	<i>E.coli</i> O1	2ml
M12015	<i>E.coli</i> O86a	2ml
M12019	<i>E.coli</i> O128	2ml
M12020	<i>E.coli</i> O44	2ml
M12021	<i>E.coli</i> O55	2ml
M12022	<i>E.coli</i> O125	2ml
M12023	<i>E.coli</i> O126	2ml
M12024	<i>E.coli</i> O146	2ml
M12025	<i>E.coli</i> O166	2ml
M12026	<i>E.coli</i> O18	2ml
M12027	<i>E.coli</i> O114	2ml
M12028	<i>E.coli</i> O142	2ml
M12029	<i>E.coli</i> O151	2ml
M12031	<i>E.coli</i> O158	2ml
M12032	<i>E.coli</i> O6	2ml
M12033	<i>E.coli</i> O27	2ml
M12034	<i>E.coli</i> O78	2ml
M12035	<i>E.coli</i> O148	2ml
M12036	<i>E.coli</i> O159	2ml
M12037	<i>E.coli</i> O168	2ml
M12038	<i>E.coli</i> O20	2ml
M12039	<i>E.coli</i> O25	2ml
M12040	<i>E.coli</i> O63	2ml
M12041	<i>E.coli</i> O153	2ml
M12042	<i>E.coli</i> O167	2ml
M12043	<i>E.coli</i> O8	2ml
M12044	<i>E.coli</i> O15	2ml
M12045	<i>E.coli</i> O115	2ml
M12046	<i>E.coli</i> O169	2ml
M12047	<i>E.coli</i> O28ac	2ml
M12048	<i>E.coli</i> O112ac	2ml
M12049	<i>E.coli</i> O124	2ml
M12050	<i>E.coli</i> O136	2ml
M12051	<i>E.coli</i> O144	2ml
M12052	<i>E.coli</i> O29	2ml
M12053	<i>E.coli</i> O143	2ml
M12054	<i>E.coli</i> O152	2ml
M12055	<i>E.coli</i> O164	2ml

E.COLI H ANTISERA MONOVALENT

M12056	<i>E.coli</i> H-2	5ml
M12057	<i>E.coli</i> H-4	5ml
M12058	<i>E.coli</i> H-5	5ml
M12059	<i>E.coli</i> H-6	5ml
M12060	<i>E.coli</i> H-7	5ml
M12061	<i>E.coli</i> H-9	5ml
M12062	<i>E.coli</i> H-10	5ml
M12063	<i>E.coli</i> H-11	5ml
M12064	<i>E.coli</i> H-12	5ml
M12065	<i>E.coli</i> H-16	5ml
M12066	<i>E.coli</i> H-18	5ml
M12067	<i>E.coli</i> H-19	5ml
M12068	<i>E.coli</i> H-20	5ml
M12069	<i>E.coli</i> H-21	5ml
M12070	<i>E.coli</i> H-27	5ml
M12071	<i>E.coli</i> H-28	5ml

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

Lead time 8 weeks

E.COLI H ANTISERA MONOVALENT (cont)

M12072	<i>E.coli</i> H-34	5ml
M12073	<i>E.coli</i> H-40	5ml
M12074	<i>E.coli</i> H-41	5ml
M12075	<i>E.coli</i> H-42	5ml
M12076	<i>E.coli</i> H-45	5ml
M12077	<i>E.coli</i> H-51	5ml

TOXIGENIC E.COLI PILI ANTISERA

M11601/NCE	Toxigenic <i>Escherichia coli</i> Pili Antisera Set This set consists of the following K88, K99 and 987P	No CE Mark	5ml x 3
M11602/NCE	<i>E.coli</i> K88	No CE Mark	5ml
M11603/NCE	<i>E.coli</i> K99	No CE Mark	5ml
M11604/NCE	<i>E.coli</i> 987P	No CE Mark	5ml

HAEMOPHILUS INFLUENZAE ANTISERA

M11301	<i>Haemophilus influenzae</i> Antisera Set This set consists of: Type a, b, c, d, e and f		2ml x 6
	<i>Haemophilus influenzae</i> type listed below		
M11302	<i>H.influenzae</i> Type a		2ml
M11304	<i>H.influenzae</i> Type c		2ml
M11305	<i>H.influenzae</i> Type d		2ml
M11306	<i>H.influenzae</i> Type e		2ml
M11307	<i>H.influenzae</i> Type f	No CE Mark	2ml

KLEBSIELLA CAPSULAR TYPING ANTISERA

M11201/NCE	Klebsiella Capsular Typing Antisera Set This set consists of 6 typing sera. Type 1~6	No CE Mark	2ml x 6
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LEGIONELLA ANTISERA

M11701	Legionella O-Grouping Antisera Set This set consists of: <i>L.pneumophila</i> 1~6, <i>L.bozemanii</i> , <i>L.dumoffi</i> , <i>L.gormanii</i> and <i>L.micdadei</i>		2ml x 10
	Legionella O-Group listed below		
M11702	<i>L.pneumophila</i> Group 1		2ml
M11703	<i>L.pneumophila</i> Group 2		2ml
M11704	<i>L.pneumophila</i> Group 3		2ml
M11705	<i>L.pneumophila</i> Group 4		2ml
M11706	<i>L.pneumophila</i> Group 5		2ml
M11707	<i>L.pneumophila</i> Group 6		2ml
M11708	<i>L.bozemanii</i>		2ml
M11709	<i>L.dumoffi</i>		2ml
M11710	<i>L.gormanii</i>		2ml
M11711	<i>L.micdadei</i>		2ml

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

Lead time 8 weeks

LISTERIA ANTISERA

M14362	Listeria Antisera Set This set consists of 8 O antisera and 4 H antisera. O antisera: O I/II, O I, O IV, O V/VI, O VI, O VII, O VIII and O IX H antisera: H-A, H-AB, H-C and H-D	2ml x 8 vials 5ml x 4 vials
M14379	Listeria O I/II antiserum	2ml
M14386	Listeria O I antiserum	2ml
M14393	Listeria O IV antiserum	2ml
M14409	Listeria O V/VI antiserum	2ml
M14416	Listeria O VI antiserum	2ml
M14423	Listeria O VII antiserum	2ml
M14430	Listeria O VIII antiserum	2ml
M14447	Listeria O IX antiserum	2ml
M14454	Listeria H-A antiserum	5ml
M14461	Listeria H-AB antiserum	5ml
M14478	Listeria H-C antiserum	5ml
M14485	Listeria H-D antiserum	5ml

PSEUDOMONAS ANTISERA

M10702/NCE	<i>Pseudomonas aeruginosa</i> Antisera Set This set consists of 3 Polyvalent and 14 Monovalent antisera. Polyvalent Polyvalent I: A, C, H, I and L Polyvalent II: B, J, K and M Polyvalent III: D, E, F, G and N Monovalent Type A, B, C, D, E, F, G, H, I, J, K, L, M and N	No CE Mark	2ml x 17
M10704/NCE	<i>Pseudomonas aeruginosa</i> Antisera type listed below Polyvalent I: A, C, H, I and L	No CE Mark	2ml
M10705/NCE	Polyvalent II: B, J, K and M	No CE Mark	2ml
M10706/NCE	Polyvalent III: D, E, F, G and N	No CE Mark	2ml
M10707/NCE	<i>Pseudomonas aeruginosa</i> Group A	No CE Mark	2ml
M10712/NCE	<i>Pseudomonas aeruginosa</i> Group B	No CE Mark	2ml
M10708/NCE	<i>Pseudomonas aeruginosa</i> Group C	No CE Mark	2ml
M10716/NCE	<i>Pseudomonas aeruginosa</i> Group D	No CE Mark	2ml
M10717/NCE	<i>Pseudomonas aeruginosa</i> Group E	No CE Mark	2ml
M10718/NCE	<i>Pseudomonas aeruginosa</i> Group F	No CE Mark	2ml
M10719/NCE	<i>Pseudomonas aeruginosa</i> Group G	No CE Mark	2ml
M10709/NCE	<i>Pseudomonas aeruginosa</i> Group H	No CE Mark	2ml
M10710/NCE	<i>Pseudomonas aeruginosa</i> Antisera type listed below <i>Pseudomonas aeruginosa</i> Group I	No CE Mark	2ml
M10713/NCE	<i>Pseudomonas aeruginosa</i> Group J	No CE Mark	2ml
M10714/NCE	<i>Pseudomonas aeruginosa</i> Group K	No CE Mark	2ml
M10711/NCE	<i>Pseudomonas aeruginosa</i> Group L	No CE Mark	2ml
M10715/NCE	<i>Pseudomonas aeruginosa</i> Group M	No CE Mark	2ml
M10720/NCE	<i>Pseudomonas aeruginosa</i> Group N	No CE Mark	2ml

SALMONELLA O ANTISERA - MONOVALENT

M10315	Salmonella O Factor	O9.46	2ml
M10318	Salmonella O Factor	O1,3,19	2ml
M10319	Salmonella O Factor	O11	2ml
M10322	Salmonella O Factor	O16	2ml
M10323	Salmonella O Factor	O18	2ml
M10324	Salmonella O Factor	O21	2ml
M10325	Salmonella O Factor	O35	2ml

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

Lead time 8 weeks

SALMONELLA H ANTISERA - MONOVALENT

M10335	Salmonella H Factor	L	2ml
M10337	Salmonella H Factor	y	2ml
M10338	Salmonella H Factor	e,n	2ml
M10340	Salmonella H Factor	v	2ml
M10341	Salmonella H Factor	w	2ml
M10342	Salmonella H Factor	z13	2ml
M10343	Salmonella H Factor	z28	2ml
M10347	Salmonella H Factor	7	2ml
M10348	Salmonella H Factor	z6	2ml
M10370	Salmonella H Factor	u	2ml
M10372	Salmonella H Factor	z23	2ml
M10373	Salmonella H Factor	z24	2ml
M10376	Salmonella H Factor	x	2ml
M10377	Salmonella H Factor	z15	2ml
M10374	Salmonella H Factor	z32	2ml
M10378	Salmonella H Factor	z	2ml
M10379	Salmonella H Factor	z4	2ml
M10380	Salmonella H Factor	z10	2ml
M10381	Salmonella H Factor	z29	2ml
M91882/NCE	Salmonella H Factor	g,p	No CE Mark 5ml
M10303	Salmonella Antisera Set 1 This set consists of 17 O-grouping and Vi sera Polyvalent O: O2, O4, O7, O8, O9, O9, 46, O3,10 & O1, 3, 19 Polyvalent O1: O11, O13, O6, O14, O16, O18, O21 and O35 Monovalent: O2, O4, O7, O8, O9, O9 ,46, O3, 10, O1, 3, 19, O11, O13, O6, 14, O16, O18, 21 and O35, Vi serum		2ml x 18
M10304	Salmonella Antisera Set 2 This set consists of 17 H antisera. a, b, c, d, e, h, G, i, k, L, r, y, e,n, l, z, z4, z10 and z29		5ml x 17
M10386	Salmonella Antisera Set 3 This set consists of four H-L Monovalent sera:- v, w, z13 and z28		5ml x 4
M10387	Salmonella Antisera Set 4 This set consists of five H-1 Monovalent sera 2, 5, 6, 7 and z6		5ml x 5
M10388	Salmonella Antisera Set 5 This set consists of seven H-G Monovalent sera:- f, m, p, q, s, t and u		5ml x 7
M10389	Salmonella Antisera Set 6 This set consists of three H-z4 and two H-e,n. Monovalent sera. z23, z24, z32, x and z15		5ml x 5
M10390	Salmonella Antisera Set 7 This set consists of the following. O-grouping sera: O2 and O9 H-sera: a and d Vi serum		2ml x 2 5ml x 2 2ml x 1

SHIGELLA ANTISERA - MONOVALENT

M10117	<i>Shigella dysenteriae</i>	Type 2	2ml
M10118	<i>Shigella dysenteriae</i>	Type 3	2ml
M10119	<i>Shigella dysenteriae</i>	Type 4	2ml
M10120	<i>Shigella dysenteriae</i>	Type 5	2ml
M10121	<i>Shigella dysenteriae</i>	Type 6	2ml

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

Lead time 8 weeks

SHIGELLA ANTISERA - MONOVALENT (cont)

M10122	<i>Shigella dysenteriae</i>	Type 7	2ml
M10123	<i>Shigella dysenteriae</i>	Type 8	2ml
M10124	<i>Shigella dysenteriae</i>	Type 9	2ml
M10125	<i>Shigella dysenteriae</i>	Type 10	2ml
M10152	<i>Shigella dysenteriae</i>	Type 11	2ml
M10153	<i>Shigella dysenteriae</i>	Type 12	2ml
M10128	<i>Shigella flexneri</i>	Type III	2ml
M10129	<i>Shigella flexneri</i>	Type IV	2ml
M10132	<i>Shigella flexneri</i>	Group (3)4	2ml
M10133	<i>Shigella flexneri</i>	Group 6	2ml
M10134	<i>Shigella flexneri</i>	Group 7 (8)	2ml
M10135	<i>Shigella boydii</i>	Type 1	2ml
M10137	<i>Shigella boydii</i>	Type 3	2ml
M10138	<i>Shigella boydii</i>	Type 4	2ml
M10139	<i>Shigella boydii</i>	Type 5	2ml
M10140	<i>Shigella boydii</i>	Type 6	2ml
M10141	<i>Shigella boydii</i>	Type 7	2ml
M10142	<i>Shigella boydii</i>	Type 8	2ml
M10143	<i>Shigella boydii</i>	Type 9	2ml
M10144	<i>Shigella boydii</i>	Type 10	2ml
M10145	<i>Shigella boydii</i>	Type 11	2ml
M10146	<i>Shigella boydii</i>	Type 12	2ml
M10147	<i>Shigella boydii</i>	Type 13	2ml
M10148	<i>Shigella boydii</i>	Type 14	2ml
M10149	<i>Shigella boydii</i>	Type 15	2ml
M10155	<i>Shigella boydii</i>	Type 16	2ml
M10156	<i>Shigella boydii</i>	Type 17	2ml
M10157	<i>Shigella boydii</i>	Type 18	2ml
M10104	Shigella Antisera Set 1		2ml x 49
	This set consists of 8 Polyvalent and 41 Monovalents.		
	Polyvalent serum		
	Polyvalent A: <i>S.dysenteriae</i> Type 1, 2, 3, 4, 5, 6 & 7		
	Polyvalent A1: <i>S.dysenteriae</i> Type 8, 9, 10, 11 & 12		
	Polyvalent B; <i>S.flexneri</i> Type I, II, III, IV, V, VI & Group (3) 4, 6 and 7 (8)		
	Polyvalent C: <i>S.boydii</i> Type 1, 2, 3, 4, 5, 6 and 7		
	Polyvalent C1: <i>S.boydii</i> Type 8, 9, 10 and 11		
	Polyvalent C2: <i>S.boydii</i> Type 12, 13, 14 and 15		
	Polyvalent C3: <i>S.boydii</i> Type 16, 17 and 18		
	Polyvalent D: <i>S.sonnei</i> Phase I and Phase II		
	Monovalent serum		
	All individual types and groups constituting above polyvalent sera.		
M10105	Shigella Antisera Set 2		2ml x 19
	This set consists of 8 Polyvalents and 11 Monovalents.		
	Polyvalent serum		
	Polyvalent A: <i>S.dysenteriae</i> Type 1, 2, 3, 4, 5, 6 & 7		
	Polyvalent A1: <i>S.dysenteriae</i> Type 8, 9, 10, 11 & 12		
	Polyvalent B; <i>S.flexneri</i> Type I, II, III, IV, V, VI and Group (3) 4, 6 and 7 (8)		
	Polyvalent C: <i>S.boydii</i> Type 1, 2, 3, 4, 5, 6 and 7		
	Polyvalent C1: <i>S.boydii</i> Type 8, 9, 10 and 11		
	Polyvalent C2: <i>S.boydii</i> Type 12, 13, 14 and 15		
	Polyvalent C3: <i>S.boydii</i> Type 16, 17 and 18		
	Polyvalent D: <i>S.sonnei</i> Phase I and Phase II		
	Monovalent serum		
	<i>S.flexneri</i> : type I, II, III, IV, V, VI and Group: (3) 4, 6 and 7 (8).		
	<i>S.sonnei</i> : Phase I and Phase II.		

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

Lead time 8 weeks

SHIGELLA ANTISERA SETS (cont)

M10106	<p>Shigella Antisera Set 3 Polyvalent A: <i>S.dysenteriae</i> Type 1, 2,3, 4, 5, 6, & 7 Polyvalent A1: <i>S. dysenteriae</i> Type 8, 9, 10, 11 & 12 Polyvalent B; <i>S.flexneri</i> Type I, II, III, IV, V, VI and Group (3) 4, 6 and 7 (8) Polyvalent C: <i>S.boydii</i> Type 1, 2, 3, 4, 5, 6 and 7 Polyvalent C1: <i>S.boydii</i> Type 8, 9, 10 and 11 Polyvalent C2: <i>S.boydii</i> Type 12, 13, 14 and 15 Polyvalent C3: <i>S.boydii</i> Type 16, 17 and 18 Polyvalent D: <i>S.sonnei</i> Phase I and Phase II</p>	2ml x 8
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STAPHYLOCOCCUS ANTISERA

M10801	<p>Staphylococcal Coagulase Typing Sera Set This set consists of 8 typing sera. Types: I, II, III, IV, V, VI, VII, and VIII</p>	5ml x 8
	Staphylococcal coagulase type listed below	
M10802	<i>Staphylococcal coagulase</i> type I	5ml
M10803	<i>Staphylococcal coagulase</i> type II	5ml
M10804	<i>Staphylococcal coagulase</i> type III	5ml
M10805	<i>Staphylococcal coagulase</i> type IV	5ml
M10806	<i>Staphylococcal coagulase</i> type V	5ml
M10807	<i>Staphylococcal coagulase</i> type VI	5ml
M10808	<i>Staphylococcal coagulase</i> type VII	5ml
M10809	<i>Staphylococcal coagulase</i> type VIII	5ml

HAEMOLYTIC STREPTOCOCCUS GROUP-A T-TYPING

	<p>Haemolytic Streptococcus Group-A T-Typing Sera type listed below</p>		
M10516/NCE	Group A Streptococcus T-2	No CE Mark	2ml
M10570	<p>Haemolytic Streptococcus Group-B Typing Sera Set This set consists of Antisera types: Ia, Ib, II, III, IV and V</p>		2ml x 6
	Haemolytic Streptococcus Group-B Typing		
	Sera type listed below		
M10540	Group B Streptococcus Ia		2ml
M10541	Group B Streptococcus Ib		2ml
M10542	Group B Streptococcus II		2ml
M10543	Group B Streptococcus III		2ml
M10544	Group B Streptococcus IV		2ml
M10545	Group B Streptococcus V		2ml
M93350	Group B Streptococcus VI		2ml
M93374	Group B Streptococcus VII		2ml
M93367	Group B Streptococcus VIII		2ml
M20209	<p>Auxiliary reagents for Haemolytic Streptococcus typing Swine pancreas extract pH correction solution Phenol Red solution</p>		5ml x 4 5ml x 2 5ml x 1

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

Lead time 8 weeks

STREPTOCOCCUS PNEUMONIAE ANTISERA

M00747	Streptococcus pneumoniae Antisera typing set This kit consists of 8 polyvalent and 39 monovalent antisera		2ml x 47
	Streptococcus pneumoniae POLYVALENT typing Antisera		
M15253	<i>Streptococcus pneumoniae</i> Polyvalent 1 antiserum: contains 1,2,3,4 and 5		2ml
M15260	2 antiserum: contains 6,8,9 and 10		2ml
M15277	3 antiserum: contains 11,12,14,15 and 16		2ml
M15284	4 antiserum: contains 17,18,21 and 22		2ml
M15291	5 antiserum: contains 20,29,31,33,34,35 and 47		2ml
M15307	6 antiserum: contains 23,25,28,41 and 46		2ml
M15314	7 antiserum: contains 27,32,36,38 and 39		2ml
M15321	8 antiserum: contains 7,19,24 and 40		2ml
M15338	<i>Streptococcus pneumoniae</i>	type 1 antiserum	2ml
M15345	<i>Streptococcus pneumoniae</i>	type 2 antiserum	2ml
M15352	<i>Streptococcus pneumoniae</i>	type 3 antiserum	2ml
M15369	<i>Streptococcus pneumoniae</i>	type 4 antiserum	2ml
M15376	<i>Streptococcus pneumoniae</i>	type 5 antiserum	2ml
M15383	<i>Streptococcus pneumoniae</i>	type 6 antiserum	2ml
M15390	<i>Streptococcus pneumoniae</i>	type 7 antiserum	2ml
M15406	<i>Streptococcus pneumoniae</i>	type 8 antiserum	2ml
M15413	<i>Streptococcus pneumoniae</i>	type 9 antiserum	2ml
M15420	<i>Streptococcus pneumoniae</i>	type 10 antiserum	2ml
M15437	<i>Streptococcus pneumoniae</i>	type 11 antiserum	2ml
M15444	<i>Streptococcus pneumoniae</i>	type 12 antiserum	2ml
M15451	<i>Streptococcus pneumoniae</i>	type 14 antiserum	2ml
M15468	<i>Streptococcus pneumoniae</i>	type 15 antiserum	2ml
M15475	<i>Streptococcus pneumoniae</i>	type 16 antiserum	2ml
M15482	<i>Streptococcus pneumoniae</i>	type 17 antiserum	2ml
M15499	<i>Streptococcus pneumoniae</i>	type 18 antiserum	2ml
M15505	<i>Streptococcus pneumoniae</i>	type 19 antiserum	2ml
M15512	<i>Streptococcus pneumoniae</i>	type 20 antiserum	2ml
M15529	<i>Streptococcus pneumoniae</i>	type 21 antiserum	2ml
M15536	<i>Streptococcus pneumoniae</i>	type 22 antiserum	2ml
M15543	<i>Streptococcus pneumoniae</i>	type 23 antiserum	2ml
M15550	<i>Streptococcus pneumoniae</i>	type 24 antiserum	2ml
M15567	<i>Streptococcus pneumoniae</i>	type 25 antiserum	2ml
M15574	<i>Streptococcus pneumoniae</i>	type 26 antiserum	2ml
M15581	<i>Streptococcus pneumoniae</i>	type 28 antiserum	2ml
M15598	<i>Streptococcus pneumoniae</i>	type 29 antiserum	2ml
M15604	<i>Streptococcus pneumoniae</i>	type 31 antiserum	2ml
M15611	<i>Streptococcus pneumoniae</i>	type 32 antiserum	2ml
M15628	<i>Streptococcus pneumoniae</i>	type 33 antiserum	2ml
M15635	<i>Streptococcus pneumoniae</i>	type 34 antiserum	2ml
M15642	<i>Streptococcus pneumoniae</i>	type 35 antiserum	2ml
M15659	<i>Streptococcus pneumoniae</i>	type 36 antiserum	2ml
M15666	<i>Streptococcus pneumoniae</i>	type 38 antiserum	2ml
M15673	<i>Streptococcus pneumoniae</i>	type 39 antiserum	2ml
M15680	<i>Streptococcus pneumoniae</i>	type 40 antiserum	2ml
M15697	<i>Streptococcus pneumoniae</i>	type 41 antiserum	2ml
M15703	<i>Streptococcus pneumoniae</i>	type 46 antiserum	2ml
M15710	<i>Streptococcus pneumoniae</i>	type 47 antiserum	2ml

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

Lead time 8 weeks

VIBRIO PARAHAEMOLYTICUS ANTISERA

M10495/NCE	<p>Vibrio parahaemolyticus K-typing Antisera Set This set consists of 9 Polyvalent and 65 Monovalent K-Antisera. Polyvalent Antisera Polyvalent KI: 1, 3, 4, 5, 6, 7 and 8 Polyvalent KII: 9, 10, 11, 12, 13, 15 and 17 Polyvalent KIII: 18, 19, 20, 21, 22, 23 and 24 Polyvalent KIV: 25, 26, 28, 29, 30, 31 and 32 Polyvalent KV: 33, 34, 36, 37, 38, 39 and 40 Polyvalent KVI: 41, 42, 43, 44, 45, 46 and 47 Polyvalent KVII: 48, 49, 50, 51, 52, 53 and 54 Polyvalent KVIII: 55, 56, 57, 58, 59, 60 and 61 Polyvalent KIX: 63, 64, 65, 66, 67, 68 and 69 Monovalent K1~K71 except K2, K14, K16, K27, K35 and K62</p>	No CE Mark	2ml x 74
M10402/NCE	<p>Vibrio parahaemolyticus O-grouping Antisera Set This set consists of 11 O-grouping sera. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 and 11</p>	No CE Mark	2ml x 11
	<p>Vibrio parahaemolyticus Antisera type listed below</p>		
M10405/NCE	<i>V.parahaemolyticus</i> Polyvalent KI contains types 1, 3, 4, 5, 6, 7, & 8	No CE Mark	2ml
M10406/NCE	<i>V.parahaemolyticus</i> Polyvalent KII contains types 9, 10, 11, 12, 13, 15 and 17	No CE Mark	2ml
M10407/NCE	<i>V.parahaemolyticus</i> Polyvalent KIII contains types 18, 19, 20, 21, 22, 23 and 24	No CE Mark	2ml
M10408/NCE	<i>V.parahaemolyticus</i> Polyvalent KIV contains types 25, 26, 28, 29, 30, 31 and 32	No CE Mark	2ml
M10409/NCE	<i>V.parahaemolyticus</i> Polyvalent KV contains types 33, 34, 36, 37, 38, 39 and 40	No CE Mark	2ml
M10410/NCE	<i>V.parahaemolyticus</i> Polyvalent KVI contains types 41, 42, 43, 44, 45, 46, and 47	No CE Mark	2ml
M10411/NCE	<i>V.parahaemolyticus</i> Polyvalent KVII contains types 48, 49, 50, 51, 52, 53 and 54	No CE Mark	2ml
M10412/NCE	<i>V.parahaemolyticus</i> Polyvalent KVIII contains types 55, 56, 57, 58, 59, 60 and 61	No CE Mark	2ml
M10482/NCE	<i>V.parahaemolyticus</i> Polyvalent KIX contains types 63, 64, 65, 66, 67, 68 and 69	No CE Mark	2ml
M10413/NCE	<i>V.parahaemolyticus</i> K1	No CE Mark	2ml
M10414/NCE	<i>V.parahaemolyticus</i> K3	No CE Mark	2ml
M10415/NCE	<i>V.parahaemolyticus</i> K4	No CE Mark	2ml
M10416/NCE	<i>V.parahaemolyticus</i> K5	No CE Mark	2ml
M10417/NCE	<i>V.parahaemolyticus</i> K6	No CE Mark	2ml
M10418/NCE	<i>V.parahaemolyticus</i> K7	No CE Mark	2ml
M10419/NCE	<i>V.parahaemolyticus</i> K8	No CE Mark	2ml
M10420/NCE	<i>V.parahaemolyticus</i> K9	No CE Mark	2ml
M10421/NCE	<i>V.parahaemolyticus</i> K10	No CE Mark	2ml
M10422/NCE	<i>V.parahaemolyticus</i> K11	No CE Mark	2ml
M10423/NCE	<i>V.parahaemolyticus</i> K12	No CE Mark	2ml
M10424/NCE	<i>V.parahaemolyticus</i> K13	No CE Mark	2ml
M10425/NCE	<i>V.parahaemolyticus</i> K15	No CE Mark	2ml
M10426/NCE	<i>V.parahaemolyticus</i> K17	No CE Mark	2ml
M10427/NCE	<i>V.parahaemolyticus</i> K18	No CE Mark	2ml
M10428/NCE	<i>V.parahaemolyticus</i> K19	No CE Mark	2ml
M10429/NCE	<i>V.parahaemolyticus</i> K20	No CE Mark	2ml
M10430/NCE	<i>V.parahaemolyticus</i> K21	No CE Mark	2ml
M10431/NCE	<i>V.parahaemolyticus</i> K22	No CE Mark	2ml
M10432/NCE	<i>V.parahaemolyticus</i> K23	No CE Mark	2ml
M10433/NCE	<i>V.parahaemolyticus</i> K24	No CE Mark	2ml
M10434/NCE	<i>V.parahaemolyticus</i> K25	No CE Mark	2ml
M10435/NCE	<i>V.parahaemolyticus</i> K26	No CE Mark	2ml

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

Lead time 8 weeks

VIBRIO PARAHAEMOLYTICUS ANTISERA (cont)

M10436/NCE	<i>V.parahaemolyticus</i> K28	No CE Mark	2ml
M10437/NCE	<i>V.parahaemolyticus</i> K29	No CE Mark	2ml
M10438/NCE	<i>V.parahaemolyticus</i> K30	No CE Mark	2ml
M10439/NCE	<i>V.parahaemolyticus</i> K31	No CE Mark	2ml
M10440/NCE	<i>V.parahaemolyticus</i> K32	No CE Mark	2ml
M10442/NCE	<i>V.parahaemolyticus</i> K34	No CE Mark	2ml
M10445/NCE	<i>V.parahaemolyticus</i> K38	No CE Mark	2ml
M10448/NCE	<i>V.parahaemolyticus</i> K41	No CE Mark	2ml
M10449/NCE	<i>V.parahaemolyticus</i> K42	No CE Mark	2ml
M10450/NCE	<i>V.parahaemolyticus</i> K43	No CE Mark	2ml
M10451/NCE	<i>V.parahaemolyticus</i> K44	No CE Mark	2ml
M10452/NCE	<i>V.parahaemolyticus</i> K45	No CE Mark	2ml
M10453/NCE	<i>V.parahaemolyticus</i> K46	No CE Mark	2ml
M10454/NCE	<i>V.parahaemolyticus</i> K47	No CE Mark	2ml
M10455/NCE	<i>V.parahaemolyticus</i> K48	No CE Mark	2ml
M10456/NCE	<i>V.parahaemolyticus</i> K49	No CE Mark	2ml
M10457/NCE	<i>V.parahaemolyticus</i> K50	No CE Mark	2ml
M10458/NCE	<i>V.parahaemolyticus</i> K51	No CE Mark	2ml
M10459/NCE	<i>V.parahaemolyticus</i> K52	No CE Mark	2ml
M10460/NCE	<i>V.parahaemolyticus</i> K53	No CE Mark	2ml
M10461/NCE	<i>V.parahaemolyticus</i> K54	No CE Mark	2ml
M10462/NCE	<i>V.parahaemolyticus</i> K55	No CE Mark	2ml
M10463/NCE	<i>V.parahaemolyticus</i> K56	No CE Mark	2ml
M10464/NCE	<i>V.parahaemolyticus</i> K57	No CE Mark	2ml
M10465/NCE	<i>V.parahaemolyticus</i> K58	No CE Mark	2ml
M10466/NCE	<i>V.parahaemolyticus</i> K59	No CE Mark	2ml
M10467/NCE	<i>V.parahaemolyticus</i> K60	No CE Mark	2ml
M10479/NCE	<i>V.parahaemolyticus</i> K61	No CE Mark	2ml
M10480/NCE	<i>V.parahaemolyticus</i> K63	No CE Mark	2ml
M10488/NCE	<i>V.parahaemolyticus</i> K66	No CE Mark	2ml
M10489/NCE	<i>V.parahaemolyticus</i> K67	No CE Mark	2ml
M10490/NCE	<i>V.parahaemolyticus</i> K68	No CE Mark	2ml
M10496/NCE	<i>V.parahaemolyticus</i> K71	No CE Mark	2ml
M10468/NCE	<i>V.parahaemolyticus</i> O1	No CE Mark	2ml
M10469/NCE	<i>V.parahaemolyticus</i> O2	No CE Mark	2ml
M10470/NCE	<i>V.parahaemolyticus</i> O3	No CE Mark	2ml
M10471/NCE	<i>V.parahaemolyticus</i> O4	No CE Mark	2ml
M10472/NCE	<i>V.parahaemolyticus</i> O5	No CE Mark	2ml

MAST ASSURE™ ANTISERA - SUPPLEMENTARY LIST

Lead time 8 weeks

VIBRIO CHOLERAEE ANTISERA

M11001	Vibrio cholerae Antisera Set This set consists of: Polyvalent antiserum: Serovar Inaba and Ogawa Monovalent antisera: Serovar Inaba, Serovar Ogawa.	2ml x 3
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YERSINIA ENTEROCOLITICA O-GROUPING ANTISERA

M11101	Yersinia enterocolitica O-Grouping Antisera Set This set consists of 1 Polyvalent and 4 Monovalent O sera. Polyvalent: Group O1, O2 Mixture Monovalent: O3, O5, O8 and O9 Yersinia enterocolitica type listed below	2ml x 5
M11102	Polyvalent: Group O1, O2 Mixture	2ml
M11103	Group O3	2ml
M11104	Group O5	2ml
M11105	Group O9	2ml
M11106	Group O8	2ml
M11801/NCE	Yersinia pseudotuberculosis Grouping Antisera Set This set consists of: Group 1~6 Yersinia pseudotuberculosis Group listed below	No CE Mark 2ml x 6
M11802/NCE	<i>Y.pseudotuberculosis</i> Group 1	No CE Mark 2ml
M11803/NCE	<i>Y.pseudotuberculosis</i> Group 2	No CE Mark 2ml
M11804/NCE	<i>Y.pseudotuberculosis</i> Group 3	No CE Mark 2ml
M11805/NCE	<i>Y.pseudotuberculosis</i> Group 4	No CE Mark 2ml

MAST ASSURE™ FEBRILE STAINED ANTIGENS

Available to special order

Contact Mast Customer Service for more information on lead times and minimum order quantities

P00018	<i>Brucella abortus</i>	5ml
P00020	<i>Brucella melitensis</i>	5ml
P00022	Proteus OX2	5ml
P00024	Proteus OX19	5ml
P00026	Proteus OXK	5ml
P00002	Salmonella typhi H	5ml
P00004	Salmonella H paratyphi A	5ml
P00006	Salmonella H Paratyphi B	5ml
P00008	Salmonella H Paratyphi C	5ml
P00010	Salmonella typhi O	5ml
P00011	Salmonella typhi Vi (unstained)	5ml
P00012	Salmonella O paratyphi A	5ml
P00014	Salmonella O paratyphi B	5ml
P00016	Salmonella O paratyphi C	5ml
P00032	Negative Febrile Control	1ml
P00030	Positive Polyvalent Febrile Control	1ml

United Kingdom
Mast Group Ltd.
Mast House
Derby Road, Bootle
Merseyside L20 1EA

Tel: + 44 (0) 151 933 7277
Fax: + 44 (0) 151 944 1332
e-mail: sales@mastgrp.com

Germany
Mast Diagnostica GmbH
Feldstrasse 20
DE-23858 Reinfeld

Tel: + 49 (0) 4533 2007 0
Fax: + 49 (0) 4533 2007 68
e-mail: mast@mast-diagnostica.de

France
Mast Diagnostic
115 Rue Jules Barni
CS91106
80011 Amiens CEDEX 1

Tél: + 33 (0) 322 80 80 67
Fax: + 33 (0) 322 80 99 22
e-mail: info@mast-diagnostic.fr