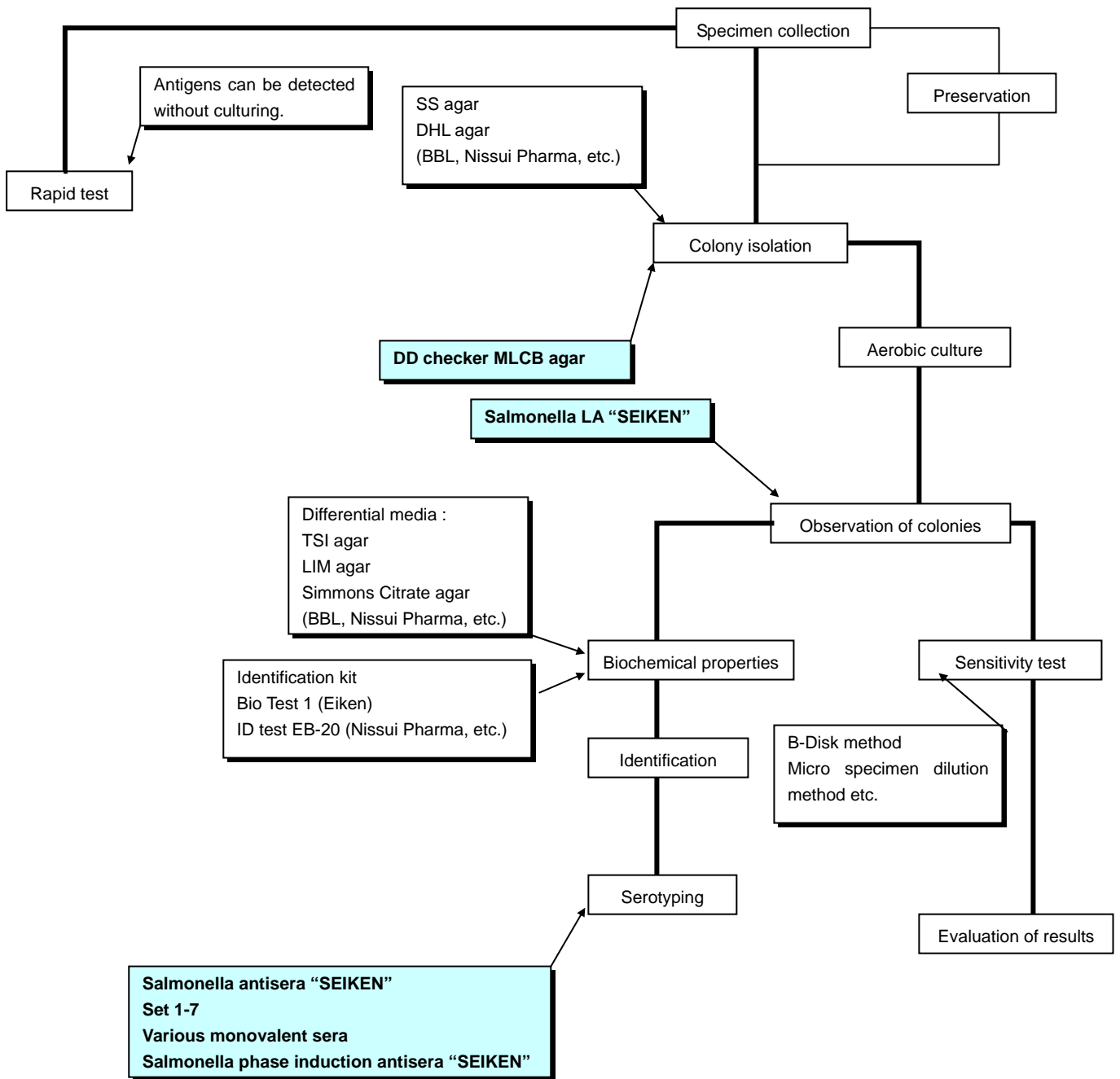


(III) Salmonella



Salmonella Antisera									
		Set 1 293855		H-sera		Set 5 293893			
Former Alphabetical O Groups	Current WHO O Groups	2mL x 2 polyvalent, 15 O-grouping and Vi		Typing		Phase Ind.			
		Polyvalent O 294463		Set 2	293862	Set 200181		5mL x 7 H-G mono	
A	2	O2	294364	H-a	293923	211798		H-f	294180
B	4	O4	294401	H-b	293930	211804		H-m	294197
C1-C2	6,7	O7	294425	H-c	293947	211811		H-p	294203
C2-C3	8	O8	294432	H-d	293954	211828		H-q	294210
D1	9	O9	294449	H-e,h	293961	211835		H-s	294227
D2	9,46	O9,46	294456	H-G	293978	211842		H-t	294234
D3	9,46,27	O3,10	294388	H-i	293985	211859		H-u	294241
E1-E2-E3	3,10	O1,3,19	294302	H-k	293992	211866		Set 6 293909	
E	1,3,19	Polyvalent O1 294357		H-L	294005	211873		3 H-z4 and 2 H-e,n	
F	11	O11	294319	H-r	294012	211880		H-z23	294258
G1-G2	13	O 13	294326	H-y	294029	211897		H-z24	294265
H	6,14	O6,14	294418	H-e,n	294036	211903		H-z32	294272
I	16	O16	294333	H-1	294043	211910		H-x	294289
J	17	O18	294340	H-z	294050	211927		H-z15	294296
K	18	O21	294371	H-z4	294067	211934		Set 7 293916	
L	21	O35	294395	H-z10	294074	211941		O2	294364
M	28	Vi 294470		H-z29	294081	211958		O9	294449
N	30			Set 3 293879				H-a	293923
O	35	Not CE Marked		5mL x 4 H-L mono				H-d	293954
P	38	Also available		H-v		294098		Vi	294470
Q	39	O17	292575	H-w		294104		Also available	
R	40	O28	292582	H-z13		294111		Poly A-G	292483
S	41	O39	292599	H-z28		294128		Poly A-S	292476
T	42	O6	291875	Set 4 293886				Omnivalent	292537
U	43	H-g,p	291882	5mL x 5 H-1 mono				H-Rapid-1	292445
V	44			H-2		294135		H-Rapid-2	292452
W	45			H-5		294142		H-Rapid-3	292469
X	47			H-6		294159		H-E Complex	292520
Y	48			H-7		294166			
Z	50			H-z6		294173			

Purpose: Serotyping of *Salmonella*

Features: Antisera for the typing of Salmonella Group O and H antigens. These are available in two separate sets to accommodate the requirements of users. All items are also available separately in single polyvalent or monovalent vial form. (Refer to our complete product list on the previous page.)

Contents of kits:

Set 1: For Salmonella Group O antigen serotyping. (18 vials including Vi serum)

Set 2: For Salmonella H antigen serotyping (17 vials)

Set 3: H-L antigen group factor serum set. (4 vials)

Set 4: H-1 antigen group factor serum set. (5 vials)

Set 5: H-G antigen group factor serum set. (7 vials)

Set 6: H-Z4 antigen group factor serum and H-e, n antigen group factor serum set. (5 vials)

Set 7: for serotyping of typhoid bacillus and paratyphoid A bacillus.
(5 vials: 2 O sera, 2 H sera, and 1 Vi serum)

Note: The antisera contain preservatives and therefore cannot be used for phase induction. Set 7 is not necessary if using Sets 1 and 2. Antisera nomenclature consist of alphabetical letters (upper and lower case) and numerals, which should be noted when placing an order. Use only non-selective culture medium.

- Important note regarding O grouping -

Bacterial serotyping methods are standardized worldwide. The WHO has a reference center based in France (Pasteur Institute) for Salmonella, as does the bacteriology department in Japan's National Institute of Infectious Diseases (NIID). Due to the fact that each country should have a similar reference center, manufacturers of typing antisera obtain bacterial strains via the Pasteur Institute. Therefore, Denka Seiken also uses strains obtained from the Pasteur Institute through the NIID.

A committee comprised of experts from various countries was organized to determine the serotyping of Salmonella. This task was originally based on research done by Kaufman-White. At first, O serotypes were assigned letters from the Roman alphabet: A, B, etc. Later as new serotypes were discovered, they were included in these groups. However, since there are only 26 letters in the alphabet, after "Z" all O-antigen factor strains were assigned a number. Eventually, Salmonella serotyping charts listed a mixture of Roman letters and numerals; therefore, about 10 years ago all O-antigen factor strains were ultimately assigned a uniform number to simplify the typing system, which is currently in use.

The antisera product list on the previous page conforms to that of the WHO, by including a column in the left-hand side of the chart to depict the difference between the former and current classification systems. Although internationally MUREX and DIFCO still employ the alphabet classification system, the reason is unclear. The aforementioned comparison chart has been included in our product list for the convenience of users familiar with either system.

Antisera for Salmonella Phase Induction "Seiken"

Purpose: The flagella of Salmonella exist in phases 1 and 2. This product is used for phase induction of the H antigen by its addition to a semi-fluid culture medium.

Features: Available for individual purchase or as a set.

Note: The antisera do not contain preservatives. This serum cannot be used for agglutination tests. Antiserum nomenclature consists of alphabetical letters (upper and lower case) and numerals, which should be noted when placing an order. (Please refer to the list on the previous page.)

Salmonella LA

Product Code 230279	Contents
Salmonella screening by Slide Latex Agglutination	30 tests
<u>Kit contents:</u>	
Sensitized latex	1 mL x 1 vial
Control latex	1 mL x 1 vial
Positive control	0.5 mL x 1 vial
Test card	18 pcs.
Mixing stick	80 pcs.

Purpose: Identification of *Salmonella*.

Features: Identifying *Salmonella* from unknown bacteria by slide latex agglutination method. Having outstanding specificity, it does not react with other bacteria on separated culture medium. Effective for differentiation from *Citrobacter*, which resembles *Salmonella*. Rapid reaction and easy to perform.

Note: Cannot be used for serotyping of *Salmonella*.