

February 16,2010

MATERIAL SAFETY DATA SHEET

1. PRUDUCT AND COMPANY INFORMATION

Product Name: Bacterial Antisera "SEIKEN"

We, DENKA SEIKEN, certify that this MSDS covers for all of the Antisera Products listed in the following pages.

Company Name: DENKA SEIKEN Co. Ltd
Address: 1359-1, Kagamida, Kigoshi, Gosen-shi, Niigata, 959-1834, Japan
Division: Quality Assurance Division
Telephone: +81-0250-43-4136 Facsimile :+81-0250-43-3789
General use: In vitro diagnostic use only

MSDS No.: 200000-02

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Registry No	Concentration
Each serum		
Rabbit/Swine serum	---	250mL/L
Disodium hydrogen phosphate 12H ₂ O	10039-32-4	2.3g/L
Potassium dihydrogen Phosphate	7778-77-0	0.2g/L
Sodium chloride	7647-14-5	5.4g/L
Sodium azide	26628-22-8	0.8g/L
Glycerin	56-81-5	0.15g/L

3. HAZARD IDENTIFICATION

Contains no hazardous substances in reportable quantities.

4..FIRST AID MEASURES

Inhalation : Not applicable because of liquid.

Skin Contact : Wash skin through with soap and water. In the event of redness or itching seek medical advice.

Eyes : Rinse eyes immediately with water for 10 to 15 minutes with eyelids open.
Seek medical advice if irritation persists.

Ingestion: Wash mouth out with plenty of water and seek medical advice.

5. FIRE FIGHTING MEASURES

These products are not flammable.

Thermal decomposition of components is unlikely to result in gases which are damaging to health in any quantity.

6. ACCIDENTAL RELEASE MEASURES

Personal protection: Normal laboratory clothing should be worn and standard safety procedures should be followed according to local rules.

Accidental release spillage measures: After spillage mop up with absorbent material e.g. cotton, wool or paper towel.

7. HANDLING AND STORAGE

Technical measures:

Avoid contact with skin, eyes or clothing using protectors such as goggles , gloves and so on.

Bringing contaminated protective equipment such as gloves into the resting room is prohibited.

Warning: Minimize mist generation and accumulation

Storage: Store at 2~10°C

Avoid freezing

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: Mask

Hand Protection : Glove

Eye Protection : Chemical goggles and face shield

Skin Protection : Wear impervious clothing such as apron or whole body suit.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Liquid

Color : Light yellow and transparent

Odor : Odorless

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions

Reactivity: Not applicable

Decomposition : Not applicable

11. TOXICOLOGICAL INFORMATION

There is no evidence of any adverse toxicological problems.

12. ECOLOGICAL INFORMATION

Not implemented

13. DISPOSAL CONSIDERATION

Comply with all federal, state and local regulations

14. TRANSPORT INFORMATION

Not applicable

15. REGULATORY INFORMATION

None of the components in these products requires special labeling in accordance with The Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

16. OTHER INFORMATION

These products are intended for in vitro diagnostic use only. Not for use in human. The information herein is believed to be correct as of the data given, and excludes any guarantee related with final use given to the products, the recipient being the last responsible for observing the laws applicable in each case.

Bacterial Antisera

Item	Products Name	Size
200181	Salmonella As phase set	5mLX17
200273	Vibrio parahaemolyticus O As set	2mLX11
200280	Vibrio parahaemolyticus K As set	2mLX74
200327	Hemolytic Streptococcus A-T typing As	2mLX24
200372	Pseudomonas aeruginosa Grouping As set	2mLX17
200457	Toxigenic E.coli pili As set	5mLX3
200501	Clostridium perfringens-A As set	2mLX21
200556	Yersinia pseudotuberculosis As set	2mLX6
211798	Salmonella As phase H-a	5mL
211804	Salmonella As phase H-b	5mL
211811	Salmonella As phase H-c	5mL
211828	Salmonella As phase H-d	5mL
211835	Salmonella As phase H-e,h	5mL
211842	Salmonella As phase H-G	5mL
211859	Salmonella As phase H-i	5mL
211866	Salmonella As phase H-k	5mL
211873	Salmonella As phase H-L	5mL
211880	Salmonella As phase H-r	5mL
211897	Salmonella As phase H-y	5mL
211903	Salmonella As phase H-e,n	5mL
211910	Salmonella As phase H-1	5mL
211927	Salmonella As phase H-z	5mL
211934	Salmonella As phase H-z4	5mL
211941	Salmonella As phase H-z10	5mL
211958	Salmonella As phase H-z29	5mL
212344	V.parahaemolyticus As poly K I	2mL
212351	V.parahaemolyticus As poly K II	2mL
212368	V.parahaemolyticus As poly K III	2mL
212375	V.parahaemolyticus As poly K IV	2mL
212382	V.parahaemolyticus As poly K V	2mL
212399	V.parahaemolyticus As poly K VI	2mL
212405	V.parahaemolyticus As poly K VII	2mL
212412	V.parahaemolyticus As poly K VIII	2mL
212429	V.parahaemolyticus As poly K IX	2mL
212436	V.parahaemolyticus As K 1	2mL
212443	V.parahaemolyticus As K 3	2mL
212450	V.parahaemolyticus As K 4	2mL
212467	V.parahaemolyticus As K 5	2mL
212474	V.parahaemolyticus As K 6	2mL
212481	V.parahaemolyticus As K 7	2mL
212498	V.parahaemolyticus As K 8	2mL
212504	V.parahaemolyticus As K 9	2mL
212511	V.parahaemolyticus As K 10	2mL
212528	V.parahaemolyticus As K 11	2mL
212535	V.parahaemolyticus As K 12	2mL
212542	V.parahaemolyticus As K 13	2mL
212559	V.parahaemolyticus As K 15	2mL
212566	V.parahaemolyticus As K 17	2mL
212573	V.parahaemolyticus As K 18	2mL
212580	V.parahaemolyticus As K 19	2mL
212597	V.parahaemolyticus As K 20	2mL
212603	V.parahaemolyticus As K 21	2mL
212610	V.parahaemolyticus As K 22	2mL

Item	Products Name	Size
212627	V.parahaemolyticus As K 23	2mL
212634	V.parahaemolyticus As K 24	2mL
212641	V.parahaemolyticus As K 25	2mL
212658	V.parahaemolyticus As K 26	2mL
212665	V.parahaemolyticus As K 28	2mL
212672	V.parahaemolyticus As K 29	2mL
212689	V.parahaemolyticus As K 30	2mL
212696	V.parahaemolyticus As K 31	2mL
212702	V.parahaemolyticus As K 32	2mL
212719	V.parahaemolyticus As K 33	2mL
212726	V.parahaemolyticus As K 34	2mL
212733	V.parahaemolyticus As K 36	2mL
212740	V.parahaemolyticus As K 37	2mL
212757	V.parahaemolyticus As K 38	2mL
212764	V.parahaemolyticus As K 39	2mL
212771	V.parahaemolyticus As K 40	2mL
212788	V.parahaemolyticus As K 41	2mL
212795	V.parahaemolyticus As K 42	2mL
212801	V.parahaemolyticus As K 43	2mL
212818	V.parahaemolyticus As K 44	2mL
212825	V.parahaemolyticus As K 45	2mL
212832	V.parahaemolyticus As K 46	2mL
212849	V.parahaemolyticus As K 47	2mL
212856	V.parahaemolyticus As K 48	2mL
212863	V.parahaemolyticus As K 49	2mL
212870	V.parahaemolyticus As K 50	2mL
212887	V.parahaemolyticus As K 51	2mL
212894	V.parahaemolyticus As K 52	2mL
212900	V.parahaemolyticus As K 53	2mL
212917	V.parahaemolyticus As K 54	2mL
212924	V.parahaemolyticus As K 55	2mL
212931	V.parahaemolyticus As K 56	2mL
212948	V.parahaemolyticus As K 57	2mL
212955	V.parahaemolyticus As K 58	2mL
212962	V.parahaemolyticus As K 59	2mL
212979	V.parahaemolyticus As K 60	2mL
212986	V.parahaemolyticus As K 61	2mL
212993	V.parahaemolyticus As K 63	2mL
213006	V.parahaemolyticus As K 64	2mL
213013	V.parahaemolyticus As K 65	2mL
213020	V.parahaemolyticus As K 66	2mL
213037	V.parahaemolyticus As K 67	2mL
213044	V.parahaemolyticus As K 68	2mL
213051	V.parahaemolyticus As K 69	2mL
213068	V.parahaemolyticus As K 70	2mL
213075	V.parahaemolyticus As K 71	2mL
213082	V.parahaemolyticus As O 1	2mL
213099	V.parahaemolyticus As O 2	2mL
213105	V.parahaemolyticus As O 3	2mL
213112	V.parahaemolyticus As O 4	2mL
213129	V.parahaemolyticus As O 5	2mL
213136	V.parahaemolyticus As O 6	2mL
213143	V.parahaemolyticus As O 7	2mL
213150	V.parahaemolyticus As O 8	2mL
213167	V.parahaemolyticus As O 9	2mL
213174	V.parahaemolyticus As O 10	2mL

Item	Products Name	Size
213181	V.parahaemolyticus As O 11	2mL
213235	Group-A Strept. As poly T	2mL
213242	Group-A Strept. As poly U	2mL
213259	Group-A Strept. As poly W	2mL
213266	Group-A Strept. As poly X	2mL
213273	Group-A Strept. As poly Y	2mL
213280	Group-A Strept. As T 1	2mL
213297	Group-A Strept. As T 2	2mL
213303	Group-A Strept. As T 3	2mL
213310	Group-A Strept. As T 4	2mL
213327	Group-A Strept. As T 5/27/44	2mL
213334	Group-A Strept. As T 6	2mL
213341	Group-A Strept. As T 8	2mL
213358	Group-A Strept. As T 9	2mL
213365	Group-A Strept. As T 11	2mL
213372	Group-A Strept. As T 12	2mL
213389	Group-A Strept. As T 13	2mL
213396	Group-A Strept. As T 14/49	2mL
213402	Group-A Strept. As T 18	2mL
213419	Group-A Strept. As T 22	2mL
213426	Group-A Strept. As T 23	2mL
213433	Group-A Strept. As T 25	2mL
213440	Group-A Strept. As T 28	2mL
213457	Group-A Strept. As T B3264	2mL
213464	Group-A Strept. As T Imp19	2mL
213556	Pseudomonas aeruginosa As poly I	2mL
213563	Pseudomonas aeruginosa As poly II	2mL
213570	Pseudomonas aeruginosa As poly III	2mL
213587	Pseudomonas aeruginosa As Gp A	2mL
213594	Pseudomonas aeruginosa As Gp B	2mL
213600	Pseudomonas aeruginosa As Gp C	2mL
213617	Pseudomonas aeruginosa As Gp D	2mL
213624	Pseudomonas aeruginosa As Gp E	2mL
213631	Pseudomonas aeruginosa As Gp F	2mL
213648	Pseudomonas aeruginosa As Gp G	2mL
213655	Pseudomonas aeruginosa As Gp H	2mL
213662	Pseudomonas aeruginosa As Gp I	2mL
213679	Pseudomonas aeruginosa As Gp J	2mL
213686	Pseudomonas aeruginosa As Gp K	2mL
213693	Pseudomonas aeruginosa As Gp L	2mL
213709	Pseudomonas aeruginosa As Gp M	2mL
213716	Pseudomonas aeruginosa As Gp N	2mL
213877	Toxigenic E.coli pili As K88	5mL
213884	Toxigenic E.coli pili As K99	5mL
213891	Toxigenic E.coli pili As 987P	5mL
214515	Clostridium perfringens-A As poly I	2mL
214522	Clostridium perfringens-A As poly II	2mL
214539	Clostridium perfringens-A As poly III	2mL
214546	Clostridium perfringens-A As poly IV	2mL
214553	Clostridium perfringens As 1	2mL
214560	Clostridium perfringens As 2	2mL
214577	Clostridium perfringens As 3	2mL
214584	Clostridium perfringens As 4	2mL
214591	Clostridium perfringens As 5	2mL
214607	Clostridium perfringens As 6	2mL
214614	Clostridium perfringens As 7	2mL

Item	Products Name	Size
214621	Clostridium perfringens As 8	2mL
214638	Clostridium perfringens As 9	2mL
214645	Clostridium perfringens As 10	2mL
214652	Clostridium perfringens As 11	2mL
214669	Clostridium perfringens As 12	2mL
214676	Clostridium perfringens As 13	2mL
214683	Clostridium perfringens As 14	2mL
214690	Clostridium perfringens As 15	2mL
214706	Clostridium perfringens As 16	2mL
214713	Clostridium perfringens As 17	2mL
215093	Yersinia pseudotuberculosis As 1	2mL
215109	Yersinia pseudotuberculosis As 2	2mL
215116	Yersinia pseudotuberculosis As 3	2mL
215123	Yersinia pseudotuberculosis As 4	2mL
215130	Yersinia pseudotuberculosis As 5	2mL
215147	Yersinia pseudotuberculosis As 6	2mL
215727	Legionella pneumophila As Gp.7	2mL
215734	Legionella pneumophila As Gp.8	2mL
215741	E.coli As poly 9	2mL
215758	E.coli As O 74	2mL
215765	E.coli As O 91	2mL
215772	E.coli As O 103	2mL
215789	E.coli As O 121	2mL
215796	E.coli As O 145	2mL
215802	E.coli As O 161	2mL
215819	E.coli As O 165	2mL
215826	E. coli As O 104	2mL
215833	Staphylococcal Coagulase As IX	5mL
215840	Staphylococcal Coagulase As X	5mL
215857	V.parahaemolyticus As poly K X	2mL
215864	V.parahaemolyticus As K 72	2mL
215871	V.parahaemolyticus As K 73	2mL
215888	V.parahaemolyticus As K 74	2mL
215895	V.parahaemolyticus As K 75	2mL
270016	Staphylococcal Coagulase As set	5mLX8
270023	Hemolytic Strept. B-T typing As	2mLX6
270030	Campylobacter As set	2mLX26
270047	Alkalescens-Dispar As set	2mLX5
270054	Streptococcus pneumoniae As set	2mLX47
270061	Staphylococcal Coagulase As I	5mL
270078	Staphylococcal Coagulase As II	5mL
270085	Staphylococcal Coagulase As III	5mL
270092	Staphylococcal Coagulase As IV	5mL
270108	Staphylococcal Coagulase As V	5mL
270115	Staphylococcal Coagulase As VI	5mL
270122	Staphylococcal Coagulase As VII	5mL
270139	Staphylococcal Coagulase As VIII	5mL
270146	Group-B Strept. As Ia	2mL
270153	Group-B Strept. As Ib	2mL
270160	Group-B Strept. As II	2mL
270177	Group-B Strept. As III	2mL
270184	Group-B Strept. As IV	2mL
270191	Group-B Strept. As V	2mL
270207	Group-B Streptococcus As NT6	2mL
270214	Group-B Streptococcus As JM9	2mL
270221	Group-B Streptococcus As 7271	2mL

Item	Products Name	Size
270238	Campylobacter As Gp A	2mL
270245	Campylobacter As Gp B	2mL
270252	Campylobacter As Gp C	2mL
270269	Campylobacter As Gp D	2mL
270276	Campylobacter As Gp E	2mL
270283	Campylobacter As Gp F	2mL
270290	Campylobacter As Gp G	2mL
270306	Campylobacter As Gp I	2mL
270313	Campylobacter As Gp J	2mL
270320	Campylobacter As Gp K	2mL
270337	Campylobacter As Gp L	2mL
270344	Campylobacter As Gp N	2mL
270351	Campylobacter As Gp O	2mL
270368	Campylobacter As Gp P	2mL
270375	Campylobacter As Gp R	2mL
270382	Campylobacter As Gp S	2mL
270399	Campylobacter As Gp U	2mL
270405	Campylobacter As Gp V	2mL
270412	Campylobacter As Gp Y	2mL
270429	Campylobacter As Gp Z	2mL
270436	Campylobacter As Gp Z2	2mL
270443	Campylobacter As Gp Z4	2mL
270450	Campylobacter As Gp Z5	2mL
270467	Campylobacter As Gp Z6	2mL
270474	Campylobacter As Gp Z7	2mL
270481	Campylobacter Reference As	2mL
270498	Alkaescens-Dispar As poly OK	2mL
270504	Alkaescens-Dispar As O1:K1	2mL
270511	Alkaescens-Dispar As O2:K1	2mL
270528	Alkaescens-Dispar As O3:K2	2mL
270535	Alkaescens-Dispar As O4:K3	2mL
270542	Streptococcus pneumoniae Poly 1 As	2mL
270559	Streptococcus pneumoniae Poly 2 As	2mL
270566	Streptococcus pneumoniae Poly 3 As	2mL
270573	Streptococcus pneumoniae Poly 4 As	2mL
270580	Streptococcus pneumoniae Poly 5 As	2mL
270597	Streptococcus pneumoniae Poly 6 As	2mL
270603	Streptococcus pneumoniae Poly 7 As	2mL
270610	Streptococcus pneumoniae Poly 8 As	2mL
270627	Streptococcus pneumoniae type 1 As	2mL
270634	Streptococcus pneumoniae type 2 As	2mL
270641	Streptococcus pneumoniae type 3 As	2mL
270658	Streptococcus pneumoniae type 4 As	2mL
270665	Streptococcus pneumoniae type 5 As	2mL
270672	Streptococcus pneumoniae type 6 As	2mL
270689	Streptococcus pneumoniae type 7 As	2mL
270696	Streptococcus pneumoniae type 8 As	2mL
270702	Streptococcus pneumoniae type 9 As	2mL
270719	Streptococcus pneumoniae type 10 As	2mL
270726	Streptococcus pneumoniae type 11 As	2mL
270733	Streptococcus pneumoniae type 12 As	2mL
270740	Streptococcus pneumoniae type 14 As	2mL
270757	Streptococcus pneumoniae type 15 As	2mL
270764	Streptococcus pneumoniae type 16 As	2mL
270771	Streptococcus pneumoniae type 17 As	2mL
270788	Streptococcus pneumoniae type 18 As	2mL

Item	Products Name	Size
270795	Streptococcus pneumoniae type 19 As	2mL
270801	Streptococcus pneumoniae type 20 As	2mL
270818	Streptococcus pneumoniae type 21 As	2mL
270825	Streptococcus pneumoniae type 22 As	2mL
270832	Streptococcus pneumoniae type 23 As	2mL
270849	Streptococcus pneumoniae type 24 As	2mL
270856	Streptococcus pneumoniae type 25 As	2mL
270863	Streptococcus pneumoniae type 27 As	2mL
270870	Streptococcus pneumoniae type 28 As	2mL
270887	Streptococcus pneumoniae type 29 As	2mL
270894	Streptococcus pneumoniae type 31 As	2mL
270900	Streptococcus pneumoniae type 32 As	2mL
270917	Streptococcus pneumoniae type 33 As	2mL
270924	Streptococcus pneumoniae type 34 As	2mL
270931	Streptococcus pneumoniae type 35 As	2mL
270948	Streptococcus pneumoniae type 36 As	2mL
270955	Streptococcus pneumoniae type 38 As	2mL
270962	Streptococcus pneumoniae type 39 As	2mL
270979	Streptococcus pneumoniae type 40 As	2mL
270986	Streptococcus pneumoniae type 41 As	2mL
270993	Streptococcus pneumoniae type 46 As	2mL
271006	Streptococcus pneumoniae type 47 As	2mL
271013	Auxiliary Reagents for H. Streptococcus	5mLX7
271020	Diluent for S. Coagulase	20mL
271037	Normal rabbit serum for S. Coagulase	3mL
271044	Normal rabbit plasma for S. Coagulase	3mL
271051	Sensitized Blood Cells for Campylobacter	For 50 tests
290458	Salmonella As H-a	2mL
290465	Salmonella As H-b	2mL
290472	Salmonella As H-c	2mL
290489	Salmonella As H-d	2mL
290496	Salmonella As H-e,h	2mL
290502	Salmonella As H-G	2mL
290519	Salmonella As H-i	2mL
290526	Salmonella As H-k	2mL
290533	Salmonella H-L	2mL
290540	Salmonella As H-r	2mL
290557	Salmonella As H-y	2mL
290564	Salmonella As H-e,n	2mL
290571	Salmonella As H-1	2mL
290588	Salmonella As H-v	2mL
290595	Salmonella As H-w	2mL
290601	Salmonella As H-z13	2mL
290618	Salmonella As H-z28	2mL
290625	Salmonella As H-2	2mL
290632	Salmonella As H-5	2mL
290649	Salmonella As H-6	2mL
290656	Salmonella As H-7	2mL
290663	Salmonella As H-z6	2mL
290670	Salmonella As H-f	2mL
290687	Salmonella As H-m	2mL
290694	Salmonella As H-p	2mL
290700	Salmonella As H-q	2mL
290717	Salmonella As H-s	2mL
290724	Salmonella As H-t	2mL
290731	Salmonella As H-z23	2mL

Item	Products Name	Size
290748	Salmonella As H-z24	2mL
290755	Salmonella As H-z32	2mL
290762	Salmonella As H-x	2mL
290779	Salmonella As H-z15	2mL
290786	Salmonella As H-z10	2mL
290793	Salmonell As H-z29	2mL
290809	Salmonella As H-z	2mL
290816	Salmonella As H-z4	2mL
290823	Salmonella As H-u	2mL
291875	Salmonella As O 6	2mL
291882	Salmonella As H-g,p	5mL
292421	Salmonella As H phase 1&2	2mL
292445	Salmonella As H rapid 1	2mL
292452	Salmonella As H rapid 2	2mL
292469	Salmonella As H rapid 3	2mL
292476	Salmonella As poly O (A - S)	2mL
292483	Salmonella As poly O (A - G)	2mL
292490	E.coli As poly II (alternative)	2mL
292506	E.coli As poly III (alternative)	2mL
292513	E.coli As poly IV (alternative)	2mL
292520	Salmonella As H-E(Complex)	2mL
292537	Salmonella As Omnivalent	2mL
292575	Salmonella As O 17	2mL
292582	Salmonella As O 28	2mL
292599	Salmonella As O 39	2mL
293572	Legionella pneumophila As Gp.9	2mL
293589	Legionella pneumophila As Gp.10	2mL
293626	Legionella pneumophila As Gp.11	2mL
293633	Legionella pneumophila As Gp.12	2mL
293640	Legionella pneumophila As Gp.13	2mL
293657	Legionella pneumophila As Gp.14	2mL
293664	Legionella pneumophila As Gp.15	2mL
293688	Haemophilus influenza As set	2mLX6
293695	Haemophilus influenza As a	2mL
293701	Haemophilus influenza As b	2mL
293718	Haemophilus influenza As c	2mL
293725	Haemophilus influenza As d	2mL
293732	Haemophilus influenza As e	2mL
293749	Haemophilus influenza As f	2mL
293756	Yersinia enterocolitica O-As set	2mLX5
293763	Yersinia enterocolitica As poly O 1,2	2mL
293770	Yersinia enterocoliticaAs poly O 3	2mL
293787	Yersinia enterocoliticaAs poly O 5	2mL
293794	Yersinia enterocoliticaAs poly O 8	2mL
293800	Yersinia enterocoliticaAs poly O 9	2mL
293817	Vibrio cholerae As set	2mLX3
293824	V.cholerae As Inaba	2mL
293831	V.cholerae poly As	2mL
293848	V.cholerae As Ogawa	2mL
293855	Salmonella As set 1	2mLX18
293862	Salmonella As set 2	5mLX17
293879	Salmonella As set 3	5mLX4
293886	Salmonella As set 4	5mLX5
293893	Salmonella As set 5	5mLX7
293909	Salmonella As set 6	5mLX5
293916	Salmonella As set 7	2X3 5X2

Item	Products Name	Size
293923	Salmonella As H-a	5mL
293930	Salmonella As H-b	5mL
293947	Salmonella As H-c	5mL
293954	Salmonella As H-d	5mL
293961	Salmonella As H-e,h	5mL
293978	Salmonella As H-G	5mL
293985	Salmonella As H-i	5mL
293992	Salmonella As H-k	5mL
294005	Salmonella As H-L	5mL
294012	Salmonella As H-r	5mL
294029	Salmonella As H-y	5mL
294036	Salmonella As H-e,n	5mL
294043	Salmonella As H-1	5mL
294050	Salmonella As H-z	5mL
294067	Salmonella As H-z4	5mL
294074	Salmonella As H-z10	5mL
294081	Salmonella As H-z29	5mL
294098	Salmonella As H-v	5mL
294104	Salmonella As H-w	5mL
294111	Salmonella As H-z13	5mL
294128	Salmonella As H-z28	5mL
294135	Salmonella As H-2	5mL
294142	Salmonella As H-5	5mL
294159	Salmonella As H-6	5mL
294166	Salmonella As H-7	5mL
294173	Salmonella As H-z6	5mL
294180	Salmonella As H-f	5mL
294197	Salmonella As H-m	5mL
294203	Salmonella As H-p	5mL
294210	Salmonella As H-q	5mL
294227	Salmonella As H-s	5mL
294234	Salmonella As H-t	5mL
294241	Salmonella As H-u	5mL
294258	Salmonella As H-z23	5mL
294265	Salmonella As H-z24	5mL
294272	Salmonella As H-z32	5mL
294289	Salmonella As H-x	5mL
294296	Salmonella As H-z15	5mL
294302	Salmonella As O 1,3,19	2mL
294319	Salmonella As O 11	2mL
294326	Salmonella As O 13	2mL
294333	Salmonella As O 16	2mL
294340	Salmonella As O-18	2mL
294357	Salmonella As Poly O 1	2mL
294364	Salmonella As O 2	2mL
294371	Salmonella As O-21	2mL
294388	Salmonella As O 3,10	2mL
294395	Salmonella As O-35	2mL
294401	Salmonella As O 4	2mL
294418	Salmonella As O 6,14	2mL
294425	Salmonella As O 7	2mL
294432	Salmonella As O 8	2mL
294449	Salmonella As O 9	2mL
294456	Salmonella As O 9,46	2mL
294463	Salmonella As Poly O	2mL
294470	Salmonella As Vi	2mL

Item	Products Name	Size
294487	V.cholerae As 0139"Bengal"	2mL
294494	Listeria As H-A	5mL
294500	Listeria As H-AB	5mL
294517	Listeria As H-C	5mL
294524	Listeria As H-D	5mL
294531	Listeria As O I	2mL
294548	Listeria As O I/II	2mL
294555	Listeria As O IV	2mL
294562	Listeria As O V/VI	2mL
294579	Listeria As O VI	2mL
294586	Listeria As O VII	2mL
294593	Listeria As O VIII	2mL
294609	Listeria As O IX	2mL
294616	Listeria As set	2X8 5X4
294623	Legionella As set	2mLX10
294678	Legionella gormanii As	2mL
294685	Legionella dumoffii As	2mL
294746	Legionella pneumophila As Gp.1	2mL
294753	Legionella pneumophila As Gp.2	2mL
294760	Legionella pneumophila As Gp.3	2mL
294777	Legionella pneumophila As Gp.4	2mL
294784	Legionella pneumophila As Gp.5	2mL
294791	Legionella pneumophila As Gp.6	2mL
294807	Legionella bozemanii As	2mL
294814	Legionella micdadei As	2mL
294821	Shigella As set 1	2mLX49
294838	Shigella As set 2	2mLX19
294845	Shigella As set 3	2mLX8
294852	Shigella As dysenteriae 1	2mL
294869	Shigella As dysenteriae 10	2mL
294876	Shigella As dysenteriae 11	2mL
294883	Shigella As dysenteriae 12	2mL
294890	Shigella As dysenteriae poly A1	2mL
294906	Shigella As dysenteriae 2	2mL
294913	Shigella As dysenteriae 3	2mL
294920	Shigella As dysenteriae 4	2mL
294937	Shigella As dysenteriae 5	2mL
294944	Shigella As dysenteriae 6	2mL
294951	Shigella As dysenteriae 7	2mL
294968	Shigella As dysenteriae 8	2mL
294975	Shigella As dysenteriae 9	2mL
294982	Shigella As dysenteriae poly A	2mL
294999	Shigella As flexneri (3)4	2mL
295002	Shigella As flexneri I	2mL
295019	Shigella As flexneri II	2mL
295026	Shigella As flexneri III	2mL
295033	Shigella As flexneri IV	2mL
295040	Shigella As flexneri V	2mL
295057	Shigella As flexneri 6	2mL
295064	Shigella As flexneri VI	2mL
295071	Shigella As flexneri 7(8)	2mL
295088	Shigella As flexneri poly B	2mL
295095	Shigella As boydii 1	2mL
295101	Shigella As boydii 10	2mL
295118	Shigella As boydii 11	2mL
295125	Shigella As boydii 12	2mL

Item	Products Name	Size
295132	Shigella As boydii 13	2mL
295149	Shigella As boydii 14	2mL
295156	Shigella As boydii 15	2mL
295163	Shigella As boydii 16	2mL
295170	Shigella As boydii 17	2mL
295187	Shigella As boydii 18	2mL
295194	Shigella As boydii poly C1	2mL
295200	Shigella As boydii 2	2mL
295217	Shigella As boydii poly C2	2mL
295224	Shigella As boydii 3	2mL
295231	Shigella As boydii poly C3	2mL
295248	Shigella As boydii 4	2mL
295255	Shigella As boydii 5	2mL
295262	Shigella As boydii 6	2mL
295279	Shigella As boydii 7	2mL
295286	Shigella As boydii 8	2mL
295293	Shigella As boydii 9	2mL
295309	Shigella As boydii poly C	2mL
295316	Shigella As sonnei phase I	2mL
295323	Shigella As sonnei phase II	2mL
295330	Shigella As sonnei poly D	2mL
295347	Escherichia coli As set 1	2mLX51
295354	Escherichia coli As set 2	5mLX22
295361	E.coli As H-10	5mL
295378	E.coli As H-11	5mL
295385	E.coli As H-12	5mL
295392	E.coli As H-16	5mL
295408	E.coli As H-18	5mL
295415	E.coli As H-19	5mL
295422	E.coli As H-2	5mL
295439	E.coli As H-20	5mL
295446	E.coli As H-21	5mL
295453	E.coli As H-27	5mL
295460	E.coli As H-28	5mL
295477	E.coli As H-34	5mL
295484	E.coli As H-4	5mL
295491	E.coli As H-40	5mL
295507	E.coli As H-41	5mL
295514	E.coli AS H-42	5mL
295521	E.coli As H-45	5mL
295538	E.coli As H-5	5mL
295545	E.coli As H-51	5mL
295552	E.coli As H-6	5mL
295569	E.coli As H-7	5mL
295576	E.coli As H-9	5mL
295583	E.coli As O 1	2mL
295590	E.coli As O 111	2mL
295606	E.coli As O 112ac	2mL
295613	E.coli As O 114	2mL
295620	E.coli As O 115	2mL
295637	E.coli As O 119	2mL
295644	E.coli As O 124	2mL
295651	E.coli As O 125	2mL
295668	E.coli As O 126	2mL
295675	E.coli As O 127a	2mL
295682	E.coli As O 128	2mL

Item	Products Name	Size
295699	E.coli As O 136	2mL
295705	E.coli As O 142	2mL
295712	E.coli As O 143	2mL
295729	E.coli As O 144	2mL
295736	E.coli As O 146	2mL
295743	E.coli As O 148	2mL
295750	E.coli As O 15	2mL
295767	E.coli As O 151	2mL
295774	E.coli As O 152	2mL
295781	E.coli As O 153	2mL
295798	E.coli As O 157	2mL
295804	E.coli As O 158	2mL
295811	E.coli As O 159	2mL
295828	E.coli As O 164	2mL
295835	E.coli As O 166	2mL
295842	E.coli As O 167	2mL
295859	E.coli As O 168	2mL
295866	E.coli As O 169	2mL
295873	E.coli As O 18	2mL
295880	E.coli As O 20	2mL
295897	E.coli As O 25	2mL
295903	E.coli As O 26	2mL
295910	E.coli As O 27	2mL
295927	E.coli As O 28ac	2mL
295934	E.coli As O 29	2mL
295941	E.coli As O 44	2mL
295958	E.coli As O 55	2mL
295965	E.coli As O 6	2mL
295972	E.coli As O 63	2mL
295989	E.coli As O 78	2mL
295996	E.coli As O 8	2mL
296009	E.coli As O 86a	2mL
296016	Escherichia coli As poly 1	2mL
296023	Escherichia coli As poly 2	2mL
296030	Escherichia coli As poly 3	2mL
296047	Escherichia coli As poly 4	2mL
296054	Escherichia coli As poly 5	2mL
296061	Escherichia coli As poly 6	2mL
296078	Escherichia coli As poly 7	2mL
296085	Escherichia coli As poly 8	2mL