

***S&A Reagents Lab Ltd.,Part.***

*Since  
1989*



***S&A Product Catalogue 2026***



*Ideal Quality Trademarks*

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*Beyond to the ideal quality of Serological Diagnosis*

# ***S&A Product Catalogue***

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## **Thailand orders**

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S&A Reagents Lab Ltd., Part.  
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Latphrao-Wanghin Road,  
Lat Phrao, Bangkok 10230,  
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<https://www.serotest-thailand.com>

## **International orders**

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Alaska International Importation and Consultation  
P.O. Box 70128  
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USA

Phone : +1-424-888-0219  
Email : [info@serotest-thailand.com](mailto:info@serotest-thailand.com)  
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# **S&A REAGENTS LAB Ltd., Part.**

## **Welcome to Quality Serological Diagnostic Reagents**



### **Since 1989**

S&A Reagents Lab Ltd., Part. had been produced and distributed serological diagnostic reagents.

Under supervised by specialist which had experience more 20 years in this field and trained in Robert Koch Institut, Berlin, Germany and CDC , U.S.

Department of Health and Human Service, in specialized field of production and standardization of serological and microbiological reagents.



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## **Beyond Ideal Quality**

### **Productions and Immunizations**

Follow as international standards and guidelines of preparation of antisera.

- Robert Koch Institut, Berlin, Germany.
- Guidelines for the preparation of Salmonella Antisera, WHO Collaborating Center for Reference and Research on Salmonella, Institut Pasteur, France.

### **Titre determination**

Salmonella antiserum has been checked for titre value based on 15-20 strains of each group.



### **Control of cross reactions**

Concerning to Salmonella O antisera : The antiserum has been tested against a panel of more than 120 *Salmonella* strains representing all the O groups, O group A until O : 67 , varied 4-5 strains for control of each group. By the same way, H antisera have been tested against a panel of more than 90 *Salmonella* strains representing all of H antigens , since H:a , H:b , H:c , ..... , H:z , H:z<sub>6</sub> , H:z<sub>10</sub> , H:z<sub>4</sub> complex, ..... , H:1,2 , H:1,5 , H:1,6 , H:1,7 , by orderly, varied 4-5 strains for control of each H antigen.

If any cross reactions occurred in any antiserum, every non-specific agglutinins have been removed by absorption.

### **Ideal quality**

S&A products quality occurred since first step of production line. Laboratory animals have been monitored for free of communicable animal diseases. In charge by microbiologist under supervised by veterinarian.

### **Participating in proficiency tests**

S&A Reagents Lab participate in international proficiency test program , WHO EQAS Program.

Antisera are a comprehensive range of high quality bacterial agglutinating antisera for confirmation of bacterial identity. Each antiserum is available in simple to use dropper bottles, 2 ml per vial, producing clear, easy to read agglutination.

Extensive polyvalent and monovalent antisera available from stock, including.

- *Salmonella*
- *Shigella*
- *Escherichia coli*
- *Vibrio cholerae*

### Salmonella O Polyvalent Antisera

| Cat.No. | Product description         | Groups or Factors present                      |
|---------|-----------------------------|--|
| AS 002  | Salmonella O Polyvalent A-S | Group : A, B, C,.....,O:39(Q),O:40(R) ,O:41(S) |
| AS 003  | Salmonella O Polyvalent A-I | Group : A, B, C, D, E, F, G, H, I              |
| AS 004  | Salmonella OMA              | Group : A, B, D, E, O:21(L)                    |
| AS 005  | Salmonella OMB              | Group : C, F, G, H                             |
| AS 006  | Salmonella OMC              | Group : I, 17, 18, 28, 30, 35, 38              |
| AS 007  | Salmonella OMD              | Group : 39, 40, 41, 42, 43, 44, 45             |
| AS 008  | Salmonella OME              | Group : 47, 48, 50, 51, 52, 53, 61             |
| AS 009  | Salmonella OMF              | Group : 54, 55, 56, 57, 58, 59                 |
| AS 010  | Salmonella OMG              | Group : 60, 62, 63, 65, 66, 67                 |



### Salmonella O Group Antisera

| Cat.No. | Product description           | Factors present       |
|---------|-------------------------------|-----------------------|
| AS 021  | Salmonella O Group A          | O : 1, 2, 12          |
| AS 022  | Salmonella O Group B          | O : 4, 5, 27          |
| AS 023  | Salmonella O Group C          | O : 6, 7, 8, 14, 20   |
| AS 024  | Salmonella O Group D          | O : 9, 46             |
| AS 025  | Salmonella O Group E          | O : 3, 10, 15, 19, 34 |
| AS 026  | Salmonella O Group F          | O : 11                |
| AS 027  | Salmonella O Group G          | O : 13, 22, 23        |
| AS 028  | Salmonella O Group H          | O : 6, 14, 24         |
| AS 029  | Salmonella O Group I          | O : 16                |
| AS 030  | Salmonella O Group O : 17 (J) | O : 17                |
| AS 031  | Salmonella O Group O : 18 (K) | O : 18                |
| AS 032  | Salmonella O Group O : 21 (L) | O : 21                |
| AS 033  | Salmonella O Group O : 28 (M) | O : 28                |
| AS 034  | Salmonella O Group O : 30 (N) | O : 30                |
| AS 035  | Salmonella O Group O : 35 (O) | O : 35                |
| AS 036  | Salmonella O Group O : 38 (P) | O : 38                |
| AS 037  | Salmonella O Group O : 39 (Q) | O : 39                |
| AS 038  | Salmonella O Group O : 40 (R) | O : 40                |
| AS 039  | Salmonella O Group O : 41 (S) | O : 41                |
| AS 040  | Salmonella O Group O : 42 (T) | O : 42                |
| AS 041  | Salmonella O Group O : 43 (U) | O : 43                |
| AS 042  | Salmonella O Group O : 44 (V) | O : 44                |
| AS 043  | Salmonella O Group O : 45 (W) | O : 45                |
| AS 044  | Salmonella O Group O : 47 (X) | O : 47                |
| AS 045  | Salmonella O Group O : 48 (Y) | O : 48                |
| AS 046  | Salmonella O Group O : 50 (Z) | O : 50                |
| AS 047  | Salmonella O Group 51         |                       |
| AS 048  | Salmonella O Group 52         |                       |
| AS 049  | Salmonella O Group 53         |                       |
| AS 051  | Salmonella O Group 55         |                       |
| AS 052  | Salmonella O Group 56         |                       |
| AS 053  | Salmonella O Group 57         |                       |
| AS 054  | Salmonella O Group 58         |                       |
| AS 055  | Salmonella O Group 59         |                       |
| AS 056  | Salmonella O Group 60         |                       |
| AS 057  | Salmonella O Group 61         |                       |
| AS 058  | Salmonella O Group 62         |                       |
| AS 059  | Salmonella O Group 63         |                       |
| AS 060  | Salmonella O Group 65         |                       |
| AS 061  | Salmonella O Group 66         |                       |
| AS 062  | Salmonella O Group 67         |                       |

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All diagnostic antisera and antigens are filled in a clean room.



## Salmonella O Factor Antisera

| Cat.No. | Product description                 |
|---------|-------------------------------------|
| AS 081  | Salmonella O : 1                    |
| AS 082  | Salmonella O : 2                    |
| AS 083  | Salmonella O : 4                    |
| AS 084  | Salmonella O : 5                    |
| AS 085  | Salmonella O : 6 <sub>1</sub>       |
| AS 086  | Salmonella O : 6 <sub>2</sub>       |
| AS 087  | Salmonella O : 7 (C <sub>1</sub> )  |
| AS 088  | Salmonella O : 8 (C <sub>2</sub> )  |
| AS 089  | Salmonella O : 9 (D <sub>1</sub> )  |
| AS 090  | Salmonella O : 10 E <sub>1</sub>    |
| AS 091  | Salmonella O : 12                   |
| AS 092  | Salmonella O : 14 C <sub>4</sub> )  |
| AS 093  | Salmonella O : 15 (E <sub>2</sub> ) |
| AS 094  | Salmonella O : 19 (E <sub>4</sub> ) |
| AS 095  | Salmonella O : 20 (C <sub>3</sub> ) |
| AS 096  | Salmonella O : 22 (G <sub>1</sub> ) |
| AS 097  | Salmonella O : 23 (G <sub>2</sub> ) |
| AS 099  | Salmonella O : 25                   |
| AS 100  | Salmonella O : 27                   |
| AS 101  | Salmonella O : 34 (E <sub>3</sub> ) |
| AS 102  | Salmonella O : 46 (D <sub>2</sub> ) |



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## Salmonella Vi Antisera

| Cat.No. | Product description |
|---------|---------------------|
| AS 111  | Salmonella Vi       |



## Salmonella H Polyvalent Antisera

| Cat.No. | Product description                   | Factors present  |
|---------|---------------------------------------|--|
| AS 121  | Salmonella Polyvalent H (phase 1 & 2) | a b c d i e,h e,n,x e,n,z <sub>15</sub> f,g g,m g,p g,q g,s,t g,z <sub>51</sub> m,t k l,v l,w l,z <sub>13</sub> l,z <sub>40</sub> r y z z <sub>6</sub> z <sub>10</sub> z <sub>29</sub> z <sub>35</sub> z <sub>36</sub> z <sub>38</sub> z <sub>39</sub> z <sub>41</sub> z <sub>42</sub> z <sub>44</sub> z <sub>60</sub> z <sub>4</sub> ,z <sub>23</sub> z <sub>4</sub> ,z <sub>24</sub> z <sub>4</sub> ,z <sub>32</sub> 1,2 1,5 1,6 1,7 |
| AS 122  | Salmonella HMA                        | a b c d i z <sub>10</sub> z <sub>29</sub>  |
| AS 123  | Salmonella HMB                        | E complex G complex  |
| AS 124  | Salmonella HMC                        | k r y z L complex Z <sub>4</sub> complex   |
| AS 125  | Salmonella HMD                        | z <sub>35</sub> z <sub>36</sub> z <sub>38</sub> z <sub>39</sub> z <sub>41</sub> z <sub>42</sub> z <sub>44</sub> z <sub>60</sub>  |
| AS 126  | Salmonella HME                        | z <sub>52</sub> z <sub>53</sub> z <sub>54</sub> z <sub>55</sub> z <sub>57</sub> z <sub>61</sub>  |
| AS 127  | Salmonella HMF                        | 1 complex + z <sub>6</sub>   |
| AS 128  | Salmonella H:1 complex                | 1,2 1,5 1,6 1,7  |
| AS 129  | Salmonella H:E complex                | e,h e,n,x e,n,z <sub>15</sub>  |
| AS 130  | Salmonella H:G complex                | f,g f,g,s f,g,t g,m g,m,s g,m,s,t g,m,t g,p g,p,s g,p,u g,q g,s,t g,z <sub>51</sub>  |
| AS 131  | Salmonella H:L complex                | l,v l,w l,z <sub>13</sub> l,z <sub>28</sub> l,z <sub>40</sub>  |
| AS 132  | Salmonella H:Z <sub>4</sub> complex   | z <sub>4</sub> ,z <sub>23</sub> z <sub>4</sub> ,z <sub>24</sub> z <sub>4</sub> ,z <sub>32</sub>  |

### Remark

AS 126 former name : Salmonella HMIII

AS 127 former name : Salmonella H : non-specific phase



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## Salmonella H Phase Antisera

| Cat.No. | Product description            |
|---------|--------------------------------|
| AS 141  | Salmonella H : a               |
| AS 142  | Salmonella H : b               |
| AS 143  | Salmonella H : c               |
| AS 144  | Salmonella H : d               |
| AS 145  | Salmonella H : i               |
| AS 146  | Salmonella H : k               |
| AS 147  | Salmonella H : r               |
| AS 148  | Salmonella H : y               |
| AS 149  | Salmonella H : z               |
| AS 150  | Salmonella H : z <sub>6</sub>  |
| AS 151  | Salmonella H : z <sub>10</sub> |
| AS 153  | Salmonella H : z <sub>29</sub> |
| AS 154  | Salmonella H : z <sub>35</sub> |
| AS 155  | Salmonella H : z <sub>36</sub> |
| AS 156  | Salmonella H : z <sub>38</sub> |
| AS 157  | Salmonella H : z <sub>39</sub> |
| AS 158  | Salmonella H : z <sub>41</sub> |
| AS 159  | Salmonella H : z <sub>42</sub> |
| AS 160  | Salmonella H : z <sub>44</sub> |
| AS 161  | Salmonella H : z <sub>52</sub> |
| AS 162  | Salmonella H : z <sub>53</sub> |
| AS 163  | Salmonella H : z <sub>54</sub> |
| AS 164  | Salmonella H : z <sub>55</sub> |
| AS 165  | Salmonella H : z <sub>57</sub> |
| AS 167  | Salmonella H : z <sub>60</sub> |
| AS 168  | Salmonella H : z <sub>61</sub> |

## Salmonella H for phase inversion Antisera

| Cat.No. | Product description                            |
|---------|--|
| AS 231  | Salmonella H : a                               |
| AS 232  | Salmonella H : b                               |
| AS 233  | Salmonella H : c                               |
| AS 234  | Salmonella H : d                               |
| AS 235  | Salmonella H : e,h                             |
| AS 236  | Salmonella H : e,n,x                           |
| AS 237  | Salmonella H : e,n,z <sub>15</sub>             |
| AS 238  | Salmonella H : f,g                             |
| AS 239  | Salmonella H : g,m                             |
| AS 240  | Salmonella H : g,m,s                           |
| AS 241  | Salmonella H : g,p                             |
| AS 242  | Salmonella H : g,p,u                           |
| AS 243  | Salmonella H : g,q                             |
| AS 244  | Salmonella H : g,s,t                           |
| AS 245  | Salmonella H : g,z <sub>51</sub>               |
| AS 246  | Salmonella H : i                               |
| AS 247  | Salmonella H : k                               |
| AS 248  | Salmonella H : l,v                             |
| AS 249  | Salmonella H : l,w                             |
| AS 250  | Salmonella H : l,z <sub>13</sub>               |
| AS 251  | Salmonella H : l,z <sub>28</sub>               |
| AS 252  | Salmonella H : m,t                             |
| AS 253  | Salmonella H : r                               |
| AS 254  | Salmonella H : y                               |
| AS 255  | Salmonella H : z                               |
| AS 256  | Salmonella H : z <sub>4</sub> ,z <sub>23</sub> |
| AS 257  | Salmonella H : z <sub>4</sub> ,z <sub>24</sub> |
| AS 258  | Salmonella H : z <sub>4</sub> ,z <sub>32</sub> |
| AS 259  | Salmonella H : z <sub>6</sub>                  |
| AS 260  | Salmonella H : z <sub>10</sub>                 |
| AS 261  | Salmonella H : Rz <sub>27</sub>                |
| AS 262  | Salmonella H : z <sub>29</sub>                 |
| AS 263  | Salmonella H : z <sub>35</sub>                 |
| AS 264  | Salmonella H : z <sub>36</sub>                 |
| AS 265  | Salmonella H : z <sub>38</sub>                 |
| AS 266  | Salmonella H : z <sub>39</sub>                 |
| AS 267  | Salmonella H : z <sub>41</sub>                 |
| AS 268  | Salmonella H : z <sub>42</sub>                 |
| AS 269  | Salmonella H : z <sub>44</sub>                 |
| AS 270  | Salmonella H : z <sub>52</sub>                 |
| AS 271  | Salmonella H : z <sub>53</sub>                 |
| AS 272  | Salmonella H : z <sub>54</sub>                 |
| AS 273  | Salmonella H : z <sub>55</sub>                 |
| AS 274  | Salmonella H : z <sub>57</sub>                 |
| AS 275  | Salmonella H : Rz <sub>59</sub>                |
| AS 276  | Salmonella H : z <sub>60</sub>                 |
| AS 277  | Salmonella H : z <sub>61</sub>                 |
| AS 278  | Salmonella H : Rz <sub>66</sub>                |
| AS 279  | Salmonella H : 1,2                             |
| AS 280  | Salmonella H : 1,5                             |
| AS 281  | Salmonella H : 1,6                             |
| AS 282  | Salmonella H : 1,7                             |
| AS 283  | Salmonella H : Rz <sub>40</sub>                |
| AS 284  | Salmonella H : Rz <sub>45</sub>                |



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## Salmonella H Factor Antisera

| Cat.No. | Product description            |
|---------|--------------------------------|
| AS 191  | Salmonella H : f               |
| AS 192  | Salmonella H : g               |
| AS 193  | Salmonella H : h               |
| AS 194  | Salmonella H : m               |
| AS 195  | Salmonella H : n,x             |
| AS 196  | Salmonella H : p               |
| AS 197  | Salmonella H : q               |
| AS 198  | Salmonella H : s               |
| AS 199  | Salmonella H : t               |
| AS 200  | Salmonella H : u               |
| AS 201  | Salmonella H : v               |
| AS 202  | Salmonella H : w               |
| AS 203  | Salmonella H : x               |
| AS 204  | Salmonella H : 2               |
| AS 205  | Salmonella H : 5               |
| AS 206  | Salmonella H : 6               |
| AS 207  | Salmonella H : 7               |
| AS 208  | Salmonella H : z <sub>13</sub> |
| AS 209  | Salmonella H : z <sub>15</sub> |
| AS 210  | Salmonella H : z <sub>23</sub> |
| AS 211  | Salmonella H : z <sub>24</sub> |
| AS 212  | Salmonella H : z <sub>28</sub> |
| AS 213  | Salmonella H : z <sub>32</sub> |
| AS 214  | Salmonella H : z <sub>51</sub> |

## Salmonella H R Phase Antisera

| Cat.No. | Product description             |
|---------|---------------------------------|
| AS 152  | Salmonella H : Rz <sub>27</sub> |
| AS 221  | Salmonella H : Rz <sub>40</sub> |
| AS 222  | Salmonella H : Rz <sub>45</sub> |
| AS 166  | Salmonella H : Rz <sub>59</sub> |
| AS 169  | Salmonella H : Rz <sub>66</sub> |



## Shigella Polyvalent Antisera



| Cat.No. | Product description  |
|---------|--|
| AS 338  | Shigella Poly.A ( <i>S. dysenteriae</i> 1-7)                         |
| AS 339  | Shigella Poly.A-1 ( <i>S. dysenteriae</i> 8-12)                      |
| AS 334  | Shigella Poly.B ( <i>S. flexneri</i> 1-6 and group(3),4 & 6 & (7),8) |
| AS 340  | Shigella Poly.C ( <i>S. boydii</i> 1-7)                              |
| AS 341  | Shigella Poly.C-1 ( <i>S. boydii</i> 8-11)                           |
| AS 342  | Shigella Poly.C-2 ( <i>S. boydii</i> 12-15)                          |
| AS 336  | Shigella Poly.C-3 ( <i>S. boydii</i> 16-18)                          |
| AS 337  | Shigella Poly.D ( <i>S. sonnei</i> phase I&II)                       |

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## Shigella Type Antisera

| Cat.No. | Product description          |
|---------|------------------------------|
| AS 361  | Shigella dysenteriae type 1  |
| AS 362  | Shigella dysenteriae type 2  |
| AS 363  | Shigella dysenteriae type 3  |
| AS 364  | Shigella dysenteriae type 4  |
| AS 365  | Shigella dysenteriae type 5  |
| AS 366  | Shigella dysenteriae type 6  |
| AS 367  | Shigella dysenteriae type 7  |
| AS 368  | Shigella dysenteriae type 8  |
| AS 369  | Shigella dysenteriae type 9  |
| AS 370  | Shigella dysenteriae type 10 |
| AS 371  | Shigella dysenteriae type 11 |
| AS 372  | Shigella dysenteriae type 12 |
| AS 391  | Shigella flexneri type I     |
| AS 392  | Shigella flexneri type II    |
| AS 393  | Shigella flexneri type III   |
| AS 394  | Shigella flexneri type IV    |
| AS 395  | Shigella flexneri type V     |
| AS 396  | Shigella flexneri type VI    |
| AS 397  | Shigella flexneri Var. X     |
| AS 398  | Shigella flexneri Var. Y     |
| AS 399  | Shigella flexneri Var. Z     |
| AS 411  | Shigella boydii type 1       |
| AS 412  | Shigella boydii type 2       |
| AS 413  | Shigella boydii type 3       |
| AS 414  | Shigella boydii type 4       |
| AS 415  | Shigella boydii type 5       |
| AS 416  | Shigella boydii type 6       |
| AS 417  | Shigella boydii type 7       |
| AS 418  | Shigella boydii type 8       |
| AS 419  | Shigella boydii type 9       |
| AS 420  | Shigella boydii type 10      |
| AS 421  | Shigella boydii type 11      |
| AS 422  | Shigella boydii type 12      |
| AS 423  | Shigella boydii type 13      |
| AS 424  | Shigella boydii type 14      |
| AS 425  | Shigella boydii type 15      |
| AS 426  | Shigella boydii type 16      |
| AS 427  | Shigella boydii type 17      |
| AS 428  | Shigella boydii type 18      |
| AS 441  | Shigella sonnei Phase I      |
| AS 442  | Shigella sonnei Phase II     |



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## Vibrio cholerae Antisera



| Cat.No. | Product description           |
|---------|-------------------------------|
| AS 491  | Vibrio cholerae O1 Polyvalent |
| AS 492  | Vibrio cholerae Inaba         |
| AS 493  | Vibrio cholerae Ogawa         |
| AS 494  | Vibrio cholerae O139          |
| AS 495  | Vibrio cholerae O141          |

## Escherichia coli Antisera

| Cat.No. | Product description          |
|---------|------------------------------|
| AS 521  | E. coli (O&K) Polyvalent I   |
| AS 522  | E. coli O 25 : K 11          |
| AS 523  | E. coli O 26 : K 60          |
| AS 524  | E. coli O 44 : K 74          |
| AS 525  | E. coli O 55 : K 59          |
| AS 526  | E. coli O 78 : K 80          |
| AS 527  | E. coli O 111 : K 58         |
| AS 528  | E. coli O 114 : K -          |
| AS 529  | E. coli O 119 : K 69         |
| AS 530  | E. coli (O&K) Polyvalent II  |
| AS 531  | E. coli O 86 : K 61          |
| AS 532  | E. coli O 124 : K 72         |
| AS 533  | E. coli O 125 : K 70         |
| AS 534  | E. coli O 126 : K 71         |
| AS 535  | E. coli O 127 : K 63         |
| AS 536  | E. coli O 128 : K 67         |
| AS 537  | E. coli (O&K) Polyvalent III |
| AS 538  | E. coli O 18a O 18c : K 77   |
| AS 539  | E. coli O 20a O 20b : K 84   |
| AS 540  | E. coli O 28 : K 73          |
| AS 541  | E. coli O 112a O 112c : K 66 |
| AS 545  | E. coli O157                 |
| AS 546  | E. coli H7                   |
| AS 547  | E. coli O1 : K1              |
| AS 548  | E. coli O2                   |

AS 521 E. coli (O&K) Polyvalent I: composed of O25 : K11 , O26 : K60 , O44 : K74 , O55 : K59 , O78 : K80 , O111 : K58 , O114 : K- , O119 : K69

AS 530 E. coli (O&K) Polyvalent II : composed of O86 : K61 , O124 : K72 , O125 : K70 , O126 : K71 , O127 : K63 , O128 : K67

AS 537 E. coli (O&K) Polyvalent III : composed of O18a O18c : K77 , O20a O20b : K84 , O28 : K73 , O112a O112c : K66



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Febrile Antigens are bacterial suspensions for use as an aid in the diagnosis of certain febrile diseases such as brucellosis, rickettsial and salmonellosis diseases. These bacterial suspensions may be used in either slide (qualitative) or tube (semi-quantitative) agglutination tests to detect for the presence of bacterial agglutinins associated with bacterial infections.

Each antigen is available in simple to use dropper bottles, 5 ml per vial, producing easy to read agglutination.

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### Salmonella Antigen for Widal test

| Cat.No. | Product description      |
|---------|--------------------------|
| AG 201  | Salmonella Paratyphi A-O |
| AG 202  | Salmonella Paratyphi B-O |
| AG 203  | Salmonella Paratyphi C-O |
| AG 204  | Salmonella Typhi O       |
| AG 208  | Salmonella Typhi H       |



### Proteus Antigen for Weil Felix test

| Cat.No. | Product description |
|---------|---------------------|
| AG 231  | Proteus OX2         |
| AG 232  | Proteus OX19        |
| AG 233  | Proteus OXK         |



Positive control for Febrile Antigen is available in simple to use dropper bottles, 2 ml per vial, producing easy to read agglutination.

### Positive Control Antisera for Widal Antigen



| Cat.No. | Product description                       |
|---------|---|
| AS 581  | Positive control Salmonella Paratyphi A-O |
| AS 583  | Positive control Salmonella Paratyphi B-O |
| AS 585  | Positive control Salmonella Paratyphi C-O |
| AS 587  | Positive control Salmonella Typhi O       |
| AS 588  | Positive control Salmonella Typhi H       |

### Positive Control Antisera for Weil Felix Antigen

| Cat.No. | Product description           |
|---------|-------------------------------|
| AS 611  | Positive control Proteus OX2  |
| AS 612  | Positive control Proteus OX19 |
| AS 613  | Positive control Proteus OXK  |



### New Specific Line Products



| Cat.No. | Product description   |
|---------|---|
| AG 402  | Salmonella O Group D Antigen for S. Pullorum<br>Pack size 25 ml./vial |



## **Microbiological Testing Service Laboratory**

S&A Reagents Lab Ltd., Part. have a service department for testing customers samples by microbiological isolation for the identification for the enteropathogenic bacteria.

We are the first and only private laboratory, Since 1989, in Thailand which is capable of identifying *Salmonella* serovars. Our testing is supervised by Prof. Suwat Bangtrakulnonth a specialist with more than 50 years of experience in this field who trained at Robert Koch Institut, Berlin, Germany and the Center for Disease Control as part of the U.S. Department of Health and Human Services and Prof. Dr. Aroon Bangtrakulnonth a specialist with more than 50 years of experience in microbiological field who worked in Department of Medical Science , Ministry of Public Health , Thailand .

We serve by neutrality, no conflicts of interest. We provide you fast and accurate results.

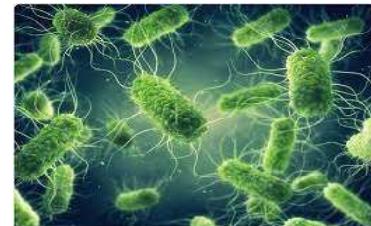
Samples of specimen which we diagnose :

- Food sample
- Animal Feed
- Dog chew products
- Pure culture
- Rectal swab
- Others



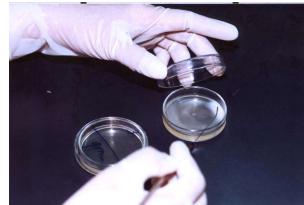
Microbiological type which can diagnosis :

- Total Bacterial Count
- *Escherichia coli* / Coliform
- *Escherichia coli* O157 : H7
- Enterobacteriaceae
- *Salmonella* spp.
- *Shigella* spp.
- *Vibrio cholerae* O1/O139/O141
- *Vibrio parahaemolyticus*
- *Vibrio vulnificus*
- Other Enteropathogenic Bacteria



Identification of Serotype & Serovars :

- *Salmonella* spp.
- *Shigella* spp.
- *Vibrio cholerae* O1/O139/O141
- *Escherichia coli* O157 : H7



***Ideal Quality Trademark***