

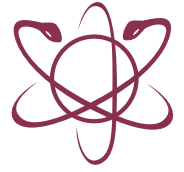
astramed

CATALOGUE

**MICROBIOLOGY**



# FOR CLINICAL LABORATORIES



Kat.nr. : 201051  
**MUELLER-HINTON-II-AGAR ACC.  
TO EUCAST PRE-POURED PLATES**



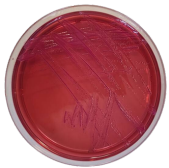
Kat.nr. : 201370  
**MUELLER-HINTON-II-AGAR W. 5 %  
HORSE BLOOD + 20 MG/L NAD  
EUCAST, PRE-POURED PLATES**



Kat.nr. : 201080  
**CHOCOLATE AGAR WITH POLY  
VITEX, PRE-POURED PLATES**



Kat.nr. : 208013  
**XLD AGAR PRE-POURED PLATES**



Kat.nr. : 201020  
**MACCONKEY AGAR WITH CRISTAL  
VIOLET PRE-POURED PLATES**



Kat.nr. : 201090  
**YERSINIA CIN AGAR PRE-POURED  
PLATES**



Kat.nr. : 201190  
**COLUMBIA AGAR WITH 5% SHEEP  
BLOOD**



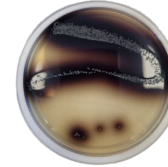
Kat.nr. : 201005  
**CLOSTRIDIUM DIFFICILE AGAR**



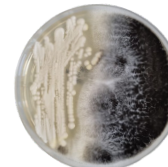
Kat.nr. : 201191  
**COLUMBIA CNA AGAR WITH 5%  
SHEEP BLOOD**



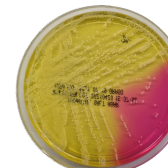
Kat.nr. : 121349  
**HEKTOEN ENTERIC AGAR**



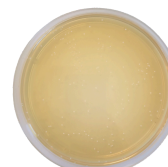
Kat.nr. : 201070  
**ENTEROCOCCOSEL AGAR (BILE  
ESCULIN AZIDE AGAR)**



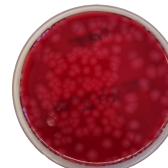
Kat.nr. : 201231  
**SABOURAUD-DEXTROSE-  
CHLORAMPHENICOL-AGAR**



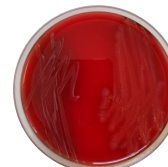
Kat.nr. : 201050  
**MANNIT SALT AGAR**



Kat.nr. : 201512  
**LACTOBACILLI MRS AGAR**



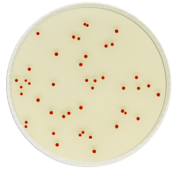
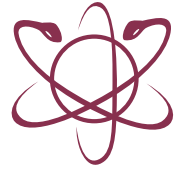
Kat.nr. : 201207  
**SCHAEDLER-KV-AGAR WITH  
5 % SHEEP BLOOD +VIT.K3**



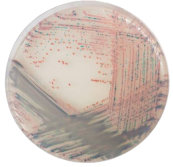
Kat.nr. : 201204  
**WILKINS CHALGREN AGAR WITH  
5% SHEEP BLOOD + MENADIONE +  
HAEMIN**

**AND MORE AVAILABLE ON REQUEST**

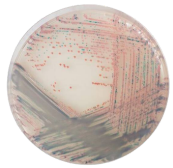
# CHROMAGAR



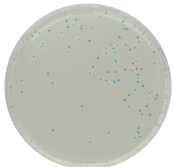
Kat.nr. : 201385  
**CHROMAGAR CAMPYLOBACTER  
PRE-POURED PLATES**



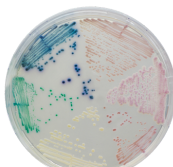
Kat.nr. : 201404  
**CHROMAGAR STAPH.AUREUS PRE-  
POURED PLATES**



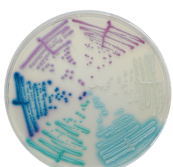
Kat.nr. : 201429  
**CHROMAGAR STREPTOCOCCUS  
PRE-POURED PLATES**



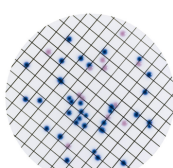
Kat.nr. : 201440  
**CHROMAGAR LISTERIA  
PRE-POURED PLATES**



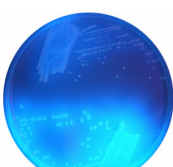
Kat.nr. : 201400  
**CHROMAGAR CANDIDA  
PRE-POURED PLATES**



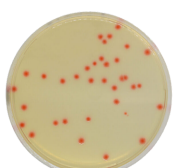
Kat.nr. : 201406  
**CHROMAGAR CANDIDA PLUS  
PRE-POURED PLATES**



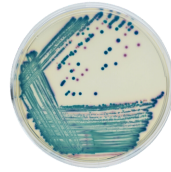
Kat.nr. : 201431  
**CHROMAGAR CCA  
PRE-POURED PLATES**



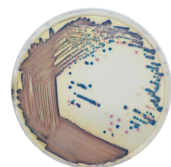
Kat.nr. : 201408  
**CHROMAGAR C. DIFFICILE  
PRE-POURED PLATES**



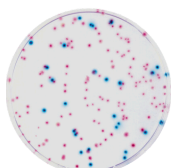
Kat.nr. : 201428  
**CHROMAGAR C. PERFRINGENS  
PRE-POURED PLATES**



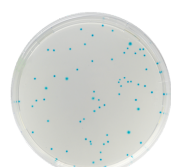
Kat.nr. : 201412  
**CHROMAGAR C3GR  
PRE-POURED PLATES**



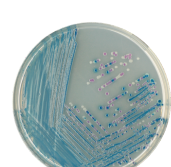
Kat.nr. : 201475  
**CHROMAGAR COL-APSE  
PRE-POURED PLATES**



Kat.nr. : 201401  
**CHROMAGAR ECC  
PRE-POURED PLATES**



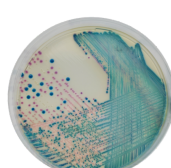
Kat.nr. : 201418  
**CHROMAGAR E.COLI  
PRE-POURED PLATES**



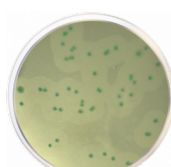
Kat.nr. : 201430  
**CHROMAGAR O157  
PRE-POURED PLATES**



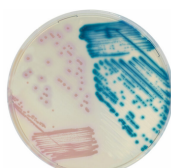
Kat.nr. : 201426  
**CHROMAGAR ENTEROBACTERIA  
PRE-POURED PLATES**



Kat.nr. : 201471  
**CHROMAGAR KPC  
PRE-POURED PLATES**

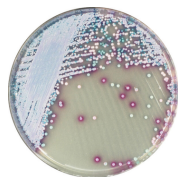
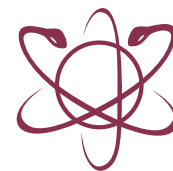


Kat.nr. : 201343  
**CHROMAGAR ALOA  
PRE-POURED PLATES**

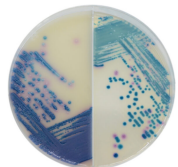


Kat.nr. : 201476  
**CHROMAGAR LIN-R  
PRE-POURED PLATES**

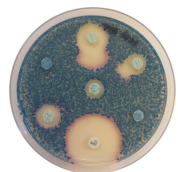
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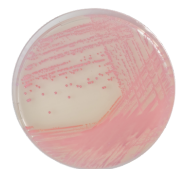
Kat.nr. : 201407  
**CHROMAGAR MALASSEZIA  
PRE-POURED PLATES**



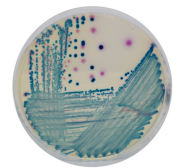
Kat.nr. : 202034  
**CHROMAGAR MASTITIS  
PRE-POURED PLATES**



Kat.nr. : 201414  
**CHROMAGAR MH ORIENTATION  
PRE-POURED PLATES**



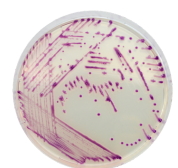
Kat.nr. : 201402  
**CHROMAGAR MRSA  
PRE-POURED PLATES**



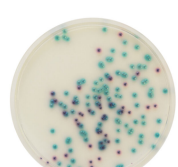
Kat.nr. : 201473  
**CHROMAGAR MSUPERCARBA  
PRE-POURED PLATES**



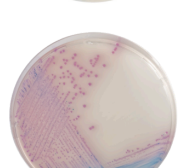
Kat.nr. : 201410  
**CHROMAGAR ORIENTATION  
PRE-POURED PLATES**



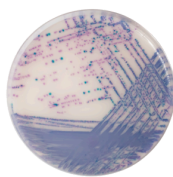
Kat.nr. : 201439  
**CHROMAGAR PASTEURELLA  
PRE-POURED PLATES**



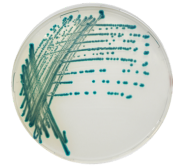
Kat.nr. : 201480  
**CHROMAGAR PSEUDOMONAS  
PRE-POURED PLATES**



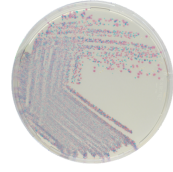
Kat.nr. : 201420  
**CHROMAGAR SALMONELLA  
PRE-POURED PLATES**



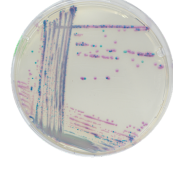
Kat.nr. : 201421  
**CHROMAGAR SALMONELLA PLUS  
PRE-POURED PLATES**



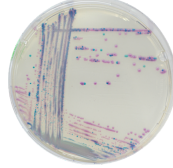
Kat.nr. : 201403  
**CHROMAGAR SERRATIA  
PRE-POURED PLATES**



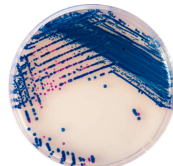
Kat.nr. : 201427  
**CHROMAGAR STAPHYLOCOCCUS  
PRE-POURED PLATES**



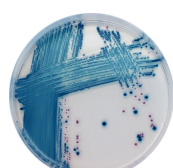
Kat.nr. : 201404  
**CHROMAGAR STAPH AUREUS  
PRE-POURED PLATES**



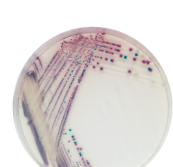
Kat.nr. : 201429  
**CHROMAGAR STREPTOCOCCUS  
PRE-POURED PLATES**



Kat.nr. : 201007  
**CHROMAGAR STREPB  
PRE-POURED PLATES**



Kat.nr. : 201381  
**CHROMAGAR STEC  
PRE-POURED PLATES**



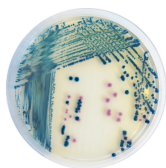
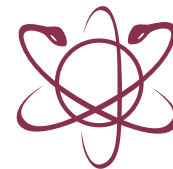
Kat.nr. : 201422  
**CHROMAGAR VIBRIO  
PRE-POURED PLATES**



Kat.nr. : 201460  
**CHROMAGAR VRE  
PRE-POURED PLATES**

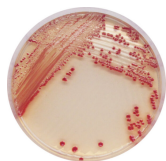
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# CHROMAGAR



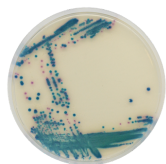
Kat.nr. : 201484

**CHROMAGAR Y. ENTEROCOLITICA  
PRE-POURED PLATES**



Kat.nr. : 201481

**CHROMAGAR ACINETOBACTER  
PRE-POURED PLATES**



Kat.nr. : 201470

**CHROMAGAR ESBL  
PRE-POURED PLATES**



Kat.nr. : 206181

**LIM RAMBAQUICK STREPB BROTH**

# ANTIBIOTIC DISCS IN CARTRIDGES



## LEADING THE FIELD WITH A COMPLETE SOLUTION FOR AST AND IDENTIFICATION DISC TESTING

- WIDE RANGE OF CLINICAL PRODUCTS AVAILABLE
- CUSTOMIZABLE ANTIBIOTIC SUSCEPTIBILITY DISCS WITH LOW MINIMUM ORDER
- QUALITY CONTROL ENSURES EFFECTIVENESS AND CONSISTENCY
- DISCS ALIGN WITH LABORATORY STANDARDS
- ZONE DIAMETERS MEASURED VISUALLY, MANUALLY, OR WITH A READER
- COMPATIBLE WITH MAST® DISCMASTER DISPENSER, STABLE FOR 28 DAYS



### Readings within range (%)

Manufacturer	First Study	Third Study
Mast	100	100
Oxoid	100	100
BD	99	100
SirScan	94	100
Bioanalyse	93	100
Bio-Rad	93	100
Abtek	89	100
Liofilchem	90	95
HiMedia	67	82
<b>In total</b> (Number of readings)	<b>92.3</b> (861)	<b>97.5</b> (909)

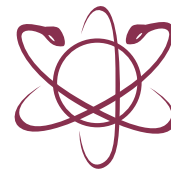
Table 4.

Courtesy of EUCAST visit [www.eucast.org](http://www.eucast.org)

# ANTIBIOTIC DISCS IN CARTRIDGES

Amikacin 30	110124	Cefuroxime 30	113050	Nalidixic Acid 30	111426
Amoxicillin/Clavulanic 2/1 (Augmentin 3)	110117	Chloramphenicol 30	113016	Neomycin 10	111436
Amoxicillin/Clavulanic 20/10 (Augmentin 30)	110116	Ciprofloxacin 5	113142	Netilmicin 10	111438
Ampicillin 2	110129	Clarithromycin 15	113060	Netilmicin 30	111434
Ampicillin 10	110122	Clindamycin 2	113022	Nitrofurantoin 100	111427
Ampicillin/Sulbactam 10/10	110127	Cotrimoxazole 25 (Sulfamethoxazole/Trimethop rim 23.75/1.25)	113122	Nitrofurantoin 300	111432
Azithromycin 15	110145	Delafloxacin 5	110406	Nitroxoline 30	111444
Aztreonam 30	110146	Doripenem 10	110402	Norfloxacin 10	111433
Bacitracin 10	110312	Doxycycline 30	111412	Novobiocin 5	111463
Cefachlor 30	113049	Eravacycline 20	110504	Ofloxacin 5	111516
Cefadroxil 30	113057	Ertapenem 10	110502	Oxacillin 1	111515
Cephalexin 30	113132	Erythromycin 15	110515	Penicillin G 1	111606
Cephalotin 30	113012	Fosfomycin/Glucose-6- phosph. (Fosfomycin/Trometamol) 200	110621	Penicillin G 10	111614
Cephazolin 30	113054	Fusidic Acid 10	110617	Pefloxacin 5	111634
Cefepime 30	113002	Gentamicin 10	110712	Piperacillin 30	111618
Cefixime 5	113058	Gentamicin 30	110717	Piperacillin 100	111616
Ceftarolin 5	113156	Gentamicin 120	110718	Piperacillin/Tazobactam 30/6	111628
Ceftarolin 30	113158	Imipenem 10	110913	Piperacillin/Tazobactam 100/10	111642
Ceftazidime 10/Avibactam 4	113164	Imipenem 10/Relebactam 25	110910	Rifampicin 5	111816
Ceftazidime 30/Avibactam 20	113166	Kanamycin 30	111112	Streptomycin 10	111925
Ceftozolane 30/Tazobactam 10	113162	Lefamulin 20	111248	Streptomycin 300	111946
Cefotaxime 5	113116	Levofloxacin 5	111242	Tedizolid 2	112068
Cefotaxime 30	113018	Linezolid 10	111246	Teicoplanin 30	112022
Cefoxitin 30	113133	Linezolid 30	111240	Temocillin 30	112038
Cefpodoxime 10	113152	Mecillinam 10	111332	Tetracycline 30	112010
Ceftazidime 10	113079	Meropenem 10	111352	Ticarcillin 75	112031
Ceftazidime 30	113013	Meropenem-Vaborbactam 20/10	111348	Ticarcillin/Clavulanic 75/10 (Timentin 85)	112033
Ceftibuten 30	113072	Metronidazole 5	111328	Tigecycline 15	112056
Ceftriaxone 5	113009	Minocycline 30	111340	Tobramycin 10	112020
Ceftriaxone 30	113056	Moxifloxacin 5	111364	Trimethoprim 5	112026
Cefiderocol 30	113170	Mupirocin 200	111342	Vancomycin 5	112028
				Vancomycin 30	112023

# MAST® ASSURE - BACTERIAL AGGLUTINATING ANTISERA



- HIGH QUALITY AND PERFORMANCE
- EXTENSIVE RANGE AVAILABLE
- EASY TO READ
- RELIABLE IDENTIFICATION

E.coli As O 6	2212032
E.coli As O 63	2212040
E.coli As O 78	2212034
E.coli As O 8	2212043
E.coli As O 86a	2212015
E.coli As O 74	2215758/NCE
E.coli As O 91	2215765/NCE
E.coli As O 121	2215789/NCE
E.coli As O 161	2215802/NCE
E.coli As O 65	2215819/NCE
E.coli AS Poly 9	2215741/NCE
E.coli AS O 145	2215796/NCE
E.coli AS O 103	2215772/NCE
E.coli AS O 104	2215826/NCE
E.coli As poly II (alternative)	2214263
E.coli As poly III (alternative)	2214270
E.coli As poly IV (alternative)	2214287
Escherichia coli As poly D1	2212005
Escherichia coli As poly D2	2212006
Escherichia coli As poly D3	2212007
Escherichia coli As poly D4	2212008
Escherichia coli As poly D5	2212009
Escherichia coli As poly D6	2212010
Escherichia coli As poly D7	2212011
Escherichia coli As poly D8	2212012
Group-A Strept. As poly T	2210510/NCE
Group-A Strept. As poly U	2210511/NCE
Group-A Strept. As poly W	2210512/NCE
Group-A Strept. As poly X	2210513/NCE

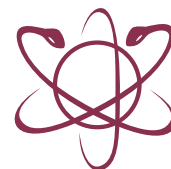
E.coli As H-11	2212063
E.coli As H-2	2212056
E.coli As H-4	2212057
E.coli As H-5	2212058
E.coli As H-6	2212059
E.coli As H-7	2212060
E.coli As H-9	2212061
E.coli As H-10	2212062
E.coli As H-12	2212064
E.coli As H-16	2212065
E.coli As H-18	2212066
E.coli As H-19	2212067
E.coli As H-20	2212068
E.coli As H-21	2212069
E.coli As H-27	2212070
E.coli As H-28	2212071
E.coli As H-34	2212072
E.coli As H-40	2212073
E.coli As H-41	2212074
E.coli As H-42	2212075
E.coli As H-45	2212076
E.coli As H-51	2212077
E.coli As O 1	2212013
E.coli As O 111	2212016
E.coli As O 112ac	2212048
E.coli As O 114	2212027
E.coli As O 115	2212045
E.coli As O 119	2212017
E.coli As O 124	2212049
E.coli As O 125	2212022

E.coli As O 126	2212023
E.coli As O 127a	2212018
E.coli As O 128	2212019
E.coli As O 136	2212050
E.coli As O 142	2212028
E.coli As O 143	2212053
E.coli As O 144	2212051
E.coli As O 146	2212024
E.coli As O 148	2212035
E.coli As O 15	2212044
E.coli As O 151	2212029
E.coli As O 152	2212054
E.coli As O 153	2212041
E.coli As O 157	2212030
E.coli As O 158	2212031
E.coli As O 159	2212036
E.coli As O 164	2212055
E.coli As O 166	2212025
E.coli As O 167	2212042
E.coli As O 168	2212037
E.coli As O 169	2212046
E.coli As O 18	2212026
E.coli As O 20	2212038
E.coli As O 25	2212039
E.coli As O 26	2212014
E.coli As O 27	2212033
E.coli As O 28ac	2212047
E.coli As O 29	2212052
E.coli As O 44	2212020
E.coli As O 55	2212021

Group-A Strept. As poly Y	2210514/NCE
Group-A Strept. As T 1	2210515/NCE
Group-A Strept. As T 11	2210523/NCE
Group-A Strept. As T 12	2210524/NCE
Group-A Strept. As T 13	2210525/NCE
Group-A Strept. As T 14/49	2210526/NCE
Group-A Strept. As T 18	2210527/NCE
Group-A Strept. As T 2	2210516/NCE
Group-A Strept. As T 22	2210528/NCE
Group-A Strept. As T 23	2210529/NCE
Group-A Strept. As T 25	2210530/NCE
Group-A Strept. As T 28	2210531/NCE
Group-A Strept. As T 3	2210517/NCE
Group-A Strept. As T 4	2210518/NCE
Group-A Strept. As T 5/27/44	2210519/NCE
Group-A Strept. As T 6	2210520/NCE
Group-A Strept. As T 8	2210521/NCE
Group-A Strept. As T 9	2210522/NCE
Group-A Strept. As T B3264	2210532/NCE
Group-A Strept. As T Imp19	2210533/NCE
Haemophilus influenza As a	2211302
Haemophilus influenza As b	2211303
Haemophilus influenza As c	2211304
Haemophilus influenza As d	2211305
Haemophilus influenza As e	2211306
Haemophilus influenza As f	2211307
Legionella bozemanii As	2211708
Legionella dumoffii As	2211709
Legionella gormanii As	2211710
Legionella micdadei As	2211711
Legionella pneumophila As Gp.1	2211702
Legionella pneumophila As Gp.2	2211703
Legionella pneumophila As Gp.3	2211704
Legionella pneumophila As Gp.4	2211705
Legionella pneumophila As Gp.5	2211706
Legionella pneumophila As Gp.6	2211707
Legionella pneumophila As Gp.7	2215727/NCE
Legionella pneumophila As Gp.8	2215734/NCE
Legionella pneumophila As Gp.9	2293572/NCE
Legionella pneumophila As Gp.10	2293589/NCE
Legionella pneumophila As Gp.11	2293626/NCE
Legionella pneumophila As Gp.12	2293633/NCE
Legionella pneumophila As Gp.13	2293640/NCE
Legionella pneumophila As Gp.14	2293657/NCE
Legionella pneumophila As Gp.15	2293664/NCE
Listeria As H-A	2214454
Listeria As H-AB	2214461
Listeria As H-C	2214478
Listeria As H-D	2214485
Listeria As O I	2214386
Listeria As O I / II	2214379
Listeria As O IV	2214393
Listeria As O V/VI	2214409
Listeria As O VI	2214416
Listeria As O VII	2214423

Listeria As O VIII	2214430
Listeria As O IX	2214447
Salmonella As H-z29	2210381
Salmonella As H phase 1&2	2214317
Salmonella As H rapid 1	2214324
Salmonella As H rapid 2	2214331
Salmonella As H rapid 3	2214348
Salmonella As H-1	2210339
Salmonella As H-2	2210344
Salmonella As H-5	2210345
Salmonella As H-6	2210346
Salmonella As H-7	2210347
Salmonella As H-a	2210327
Salmonella As H-b	2210328
Salmonella As H-c	2210329
Salmonella As H-d	2210330
Salmonella As H-E(Complex)	2214335
Salmonella As H-e,h	2210331
Salmonella As H-e,n	2210338
Salmonella As H-f	2210364
Salmonella As H-G	2210332
Salmonella As H-g,p	2291882/NCE
Salmonella As H-i	2210333
Salmonella As H-k	2210334
Salmonella As H-L	2210335
Salmonella As H-m	2210365
Salmonella As H-p	2210366
Salmonella As H-q	2210367
Salmonella As H-r	2210336
Salmonella As H-s	2210368
Salmonella As H-t	2210369
Salmonella As H-u	2210370
Salmonella As H-v	2210340
Salmonella As H-w	2210341
Salmonella As H-x	2210376
Salmonella As H-y	2210337
Salmonella As H-z	2210378
Salmonella As H-z10	2210380
Salmonella As H-z13	2210342
Salmonella As H-z15	2210377
Salmonella As H-z23	2210372
Salmonella As H-z24	2210373
Salmonella As H-z28	2210343
Salmonella As H-z32	2210374
Salmonella As H-z4	2210379
Salmonella As H-z6	2210348
Salmonella As phase induction H-d	2210352/NCE
Salmonella As phase induction H-e,h	2210353/NCE
Salmonella As phase induction H-i	2210355/NCE
Salmonella As phase induction H-L	2210357/NCE
Salmonella As phase induction H-y	2210359/NCE
Salmonella As phase induction H-e,n	2210360/NCE
Salmonella As phase induction H-1	2210361/NCE
Salmonella As phase induction H-r	2210358/NCE
Salmonella As phase induction H-a	2210349/NCE

Salmonella As phase induction H-b	2210350/NCE
Salmonella As phase induction H-G	2210354/NCE
Salmonella As phase induction H-k	2210356/NCE
Salmonella As phase induction H-z	2210382/NCE
Salmonella As phase induction H-z10	2210384/NCE
Salmonella As phase induction H-z29	2210385/NCE
Salmonella As phase induction H-z4	2210383/NCE
Salmonella As O 1,3,19	2210318
Salmonella As O 11	2210319
Salmonella As O 13	2210320
Salmonella As O 16	2210322
Salmonella As O 17	2292575/NCE
Salmonella As O 18	2210323
Salmonella As O 2	2210310
Salmonella As O 21	2210324
Salmonella As O 28	2292582/NCE
Salmonella As O 3,10	2210316
Salmonella As O 35	2210325
Salmonella As O 39	2292599/NCE
Salmonella As O 4	2210311
Salmonella As O 6,14	2210321
Salmonella As O 6	2291875/NCE
Salmonella As O 7	2210312
Salmonella As O 8	2210313
Salmonella As O 9	2210314
Salmonella As O 9,46	2210315
Salmonella As Omnivalent	2292537
Salmonella As phase induction set	2210391/NCE
Salmonella As Poly O	2210308
Salmonella As poly O (A~G)	2214294
Salmonella As poly O (A~S)	2214300
Salmonella As Poly O 1	2210309
Salmonella As Vi	2210326
Shigella As boydii 1	2210135
Shigella As boydii 2	2210136
Shigella As boydii 3	2210137
Shigella As boydii 4	2210138
Shigella As boydii 5	2210139
Shigella As boydii 6	2210140
Shigella As boydii 7	2210141
Shigella As boydii 8	2210142
Shigella As boydii 9	2210143
Shigella As boydii 10	2210144
Shigella As boydii 11	2210145
Shigella As boydii 12	2210146
Shigella As boydii 13	2210147
Shigella As boydii 14	2210148
Shigella As boydii 15	2210149
Shigella As boydii 16	2210155
Shigella As boydii 17	2210156
Shigella As boydii 18	2210157
Shigella As boydii poly C	2210112
Shigella As boydii poly C1	2210113
Shigella As boydii poly C2	2210114
Shigella As boydii poly C3	2210154



Shigella As dysenteriae 1	2210116
Shigella As dysenteriae 2	2210117
Shigella As dysenteriae 3	2210118
Shigella As dysenteriae 4	2210119
Shigella As dysenteriae 5	2210120
Shigella As dysenteriae 6	2210121
Shigella As dysenteriae 7	2210122
Shigella As dysenteriae 8	2210123
Shigella As dysenteriae 9	2210124
Shigella As dysenteriae 10	2210125
Shigella As dysenteriae 11	2210152
Shigella As dysenteriae 12	2210153
Shigella As dysenteriae poly A	2210109
Shigella As dysenteriae poly A1	2210110
Shigella As flexneri (3)4	2210132
Shigella As flexneri 6	2210133
Shigella As flexneri 7(8)	2210134
Shigella As flexneri I	2210126
Shigella As flexneri II	2210127
Shigella As flexneri III	2210128
Shigella As flexneri IV	2210129
Shigella As flexneri V	2210130
Shigella As flexneri VI	2210131
Shigella As flexneri poly B	2210111
Shigella As sonnei phase I	2210150
Shigella As sonnei phase II	2210151
Shigella As sonnei poly D	2210115
Toxigenic E.coli pili As 987P	2211604/NCE
Toxigenic E.coli pili As K 88	2211602/NCE
Toxigenic E.coli pili As K 99	2211603/NCE
Toxigenic E.coli pili As set	2211601/NCE
V.cholerae As 0139"Bengal"	2215001
V.cholerae As Inaba	2211003
V.cholerae As Ogawa	2211004
V.cholerae Poly As	2211002
Bordetella pertussis	2211501/NCE
Yersinia enterocolitica Poly O 1,2	2211102
Yersinia enterocolitica Poly O 3	2211103
Yersinia enterocolitica Poly O 5	2211104
Yersinia enterocolitica Poly O 9	2211105
Yersinia enterocolitica Poly O 8	2211106
Yersinia pseudotuberculosis AS Group Set	2211801/NCE
Yersinia pseudotuberculosis As 1	2211802/NCE
Yersinia pseudotuberculosis As 2	2211803/NCE
Yersinia pseudotuberculosis As 3	2211804/NCE
Yersinia pseudotuberculosis As 4	2211805/NCE
RDE (II) Receptor Destroying Enzyme	22370013

MAST® ASSURE BACTERIAL AGGLUTINATING ANTISERA PRODUCTS ARE A COMPREHENSIVE RANGE OF POLYVALENT AND MONOVALENT DIAGNOSTIC ANTISERA FOR BACTERIAL IDENTIFICATION.

BACTERIAL SEROTYPE IS EASILY DETERMINED ACCORDING TO THE EXPRESSION OF FLAGELLA (H), SOMATIC (O) AND CAPSULAR (K) ANTIGENS.

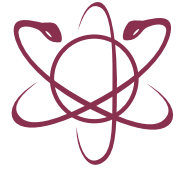
AGGLUTINATION TESTS ARE WIDELY USED METHODS FOR IDENTIFICATION AND TYPING OF MANY CLINICALLY IMPORTANT MICROORGANISMS. MAST® ASSURE ANTISERA ARE USED GLOBALLY FOR ANTIGENIC ANALYSIS OF CLINICALLY SIGNIFICANT BACTERIA, INCLUDING SALMONELLA SPP., ESCHERICHIA COLI, SHIGELLA SPP., VIBRIO CHOLERAEE, LEGIONELLA SPP., YERSINIA SPP. AND LISTERIA SPP.

THE MAST® ASSURE PRODUCT RANGE PROMISES HIGH QUALITY PERFORMANCE, SIMPLE SLIDE AND TEST TUBE AGGLUTINATION METHODS AND EASY TO READ RESULTS. PRESENTED IN 2ML DROPPER BOTTLES, MAST® ASSURE ANTISERA ARE USER FRIENDLY AND ENSURE MINIMAL LABORATORY WASTAGE.



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# MAST CRYOBANK®



MAST CRYOBANK® IS A MICROBIAL CRYOPRESERVATION SYSTEM COMPRISING CHEMICALLY TREATED BEADS COVERED WITH A SPECIAL CRYOGENIC PRESERVATIVE SOLUTION WITHIN A CRYOVIAL. MAST CRYOBANK® PERMITS THE ESTABLISHMENT OF MICROBIAL CULTURE COLLECTIONS FOR LABORATORY ACCREDITATION AND RESEARCH PURPOSES, PROVIDING A COST-EFFECTIVE ALTERNATIVE TO LYOPHILISATION, REPEATED SUBCULTURE OR PURCHASE OF COMMERCIALY AVAILABLE CONTROL ORGANISMS.

- EASY TO STORE - PACKS DESIGNED TO FIT FREEZER RACKS.
- EASY TO LOCATE - ORGANISM REFERENCE GRID PRINTED ON LID.
- VERSATILE - SUITABLE FOR ALL LABS DEALING WITH BACTERIA
- RELIABLE - LONG TERM STORAGE AND PRESERVATION OF FASTIDIOUS ORGANISMS.
- CONVENIENT - COLOUR CODED TO ASSIST WITH CATEGORISATION OF MICRO-ORGANISMS.
- COST-EFFECTIVE - ECONOMIC 80 TUBE PRESENTATION. AN 18 WELL CRYOBLOCK IS ALSO AVAILABLE FOR MAINTENANCE OF CRYOVIALS AT LOW TEMPERATURE DURING USE, TO ENSURE MICRO-ORGANISM VIABILITY.
- BARCODED - ALLOWS FOR FULL TRACEABILITY.



