

# Microbiological Quality Control

## Selectrol® Micro-organisms

Selectrol® discs are first generation standard micro-organisms that are manufactured under license from Public Health England.

Selectrol® is a fully traceable and cost effective range of first generation micro-organisms which have predictable biochemical reactions, making it ideal for a variety of quality control and testing applications.

- Quality control of culture media, staining reactions, biochemical profiling.
- Determination of antibiotic concentrations in blood, serum or CSF samples.
- Antibiotic susceptibility testing controls, whether by disc diffusion or serial dilution.

Selectrol® strains are presented as water-soluble freeze-dried discs with most strains being available in packs of 10 or 25 discs. Selectrol® discs are manufactured exclusively from NCTC® (National Collection of Type Cultures) and NCPF® (National Collection of Pathogenic Fungi) and are guaranteed first generation derivatives from the source strain. Selectrol® is versatile, and can be inoculated directly onto solid media or dissolved in an appropriate broth.

Certificates of Analysis are available to download from our website.

For ordering please use [orders@ewcdiagnostics.com](mailto:orders@ewcdiagnostics.com)

ATCC® strains are listed for reference only.

ATCC® is a registered trademark of the American Type Culture Collection.

NCTC® and NCPF® trademarks of Public Health England.



| Code    | Description                                     | WDCM  | Size |
|---------|-------------------------------------------------|-------|------|
| MM94-10 | Aspergillus brasiliensis NCPF 2275 / ATCC®16404 | 00053 | 10   |
| MM21-10 | Bacillus cereus NCTC 10320 / ATCC® 9634         | 00001 | 10   |
| MM86-25 | Bacillus cereus NCTC 7464 / ATCC® 10876         |       | 25   |
| MM86-10 | Bacillus cereus NCTC 7464 / ATCC® 10876         |       | 10   |
| MM29-25 | Bacillus subtilis NCTC 10400 / ATCC® 6633       | 00003 | 25   |
| MM29-10 | Bacillus subtilis NCTC 10400 / ATCC® 6633       | 00003 | 10   |
| MM44-10 | Bacteroides fragilis NCTC 9343 / ATCC® 25285    |       | 10   |
| MM82-10 | Campylobacter jejuni NCTC 11322 / ATCC®29428    | 00156 | 10   |
| MM36-10 | Campylobacter jejuni NCTC 11351 / ATCC®33560    |       | 10   |
| MM28-25 | Candida albicans NCPF 3255 / ATCC® 2091         | 00055 | 25   |
| MM28-10 | Candida albicans NCPF 3255 / ATCC® 2091         | 00055 | 10   |
| MM42-25 | Candida albicans NCPF 3179 / ATCC® 10231        | 00054 | 25   |
| MM42-10 | Candida albicans NCPF 3179 / ATCC® 10231        | 00054 | 10   |
| MM27-10 | Citrobacter freundii NCTC 9750 / ATCC®8090      |       | 10   |
| MM45-10 | Clostridium perfringens NCTC 8237 / ATCC® 13124 | 00007 | 10   |
| MM31-10 | Clostridium sporogenes NCTC 532 / ATCC® 19404   | 00008 | 10   |
| MM26-25 | Enterobacter aerogenes NCTC 10006 / ATCC® 13048 | 00175 | 25   |
| MM26-10 | Enterobacter aerogenes NCTC 10006 / ATCC® 13048 | 00175 | 10   |
| MM01-10 | Enterobacter cloacae NCTC 13380 / ATCC® 23355   | 00082 | 10   |
| MM17-25 | Enterococcus faecalis NCTC 775 / ATCC® 19433    | 00009 | 25   |
| MM17-10 | Enterococcus faecalis NCTC 775 / ATCC® 19433    | 00009 | 10   |
| MM18-25 | Enterococcus faecalis NCTC 12697 / ATCC® 29212  | 00087 | 25   |
| MM18-10 | Enterococcus faecalis NCTC 12697 / ATCC® 29212  | 00087 | 10   |
| MM52-10 | Enterococcus faecalis NCTC 13379 / ATCC® 51299  | 00085 | 10   |
| MM35-10 | Enterococcus hirae NCTC 13383 / ATCC®10541      | 00011 | 10   |
| MM51-10 | Enterobacter cloacae NCTC 13406                 |       | 10   |
| MM57-10 | Escherichia coli (CRE) NCTC 13476               |       | 10   |
| MM02-25 | Escherichia coli NCTC 12241 / ATCC® 25922       | 00013 | 25   |
| MM02-10 | Escherichia coli NCTC 12241 / ATCC® 25922       | 00013 | 10   |
| MM24-25 | Escherichia coli NCTC 11954 / ATCC® 35218       |       | 25   |
| MM24-10 | Escherichia coli NCTC 11954 / ATCC® 35218       |       | 10   |
| MM33-25 | Escherichia coli NCTC10418 / ATCC® 10536        |       | 25   |
| MM33-10 | Escherichia coli NCTC 10418 / ATCC® 10536       |       | 10   |
| MM38-25 | Escherichia coli NCTC 12923 / ATCC® 8739        | 00012 | 25   |

|          |                                                               |       |    |
|----------|---------------------------------------------------------------|-------|----|
| MM38-10  | Escherichia coli NCTC 12923 / ATCC® 8739                      | 00012 | 10 |
| MM63-10  | Escherichia coli NCTC 11560                                   |       | 10 |
| MM75-10  | Escherichia coli NCTC 9001 / ATCC® 11775                      | 00090 | 10 |
| MM34-10  | Escherichia coli NCTC 13846 (mcr-1)                           |       | 10 |
| MM93-25  | Escherichia coli O157 non-toxigenic NCTC 12900 / ATCC® 700728 | 00014 | 25 |
| MM93-10  | Escherichia coli O157 non-toxigenic NCTC 12900 / ATCC® 700728 | 00014 | 10 |
| MM81-10  | Haemophilus influenzae NCTC 12699 / ATCC® 49247               |       | 10 |
| MM98-10  | Haemophilus influenzae NCTC 11931                             |       | 10 |
| MM100-10 | Haemophilus influenzae NCTC 8468                              |       | 10 |
| MM37-10  | Haemophilus influenzae NCTC 12975 / ATCC® 49766               |       | 10 |
| MM88-10  | Raoultella planticola / Klebsiella aerogenes NCTC 9528        |       | 10 |
| MM58-10  | Klebsiella pneumoniae (CRE) NCTC 13438                        |       | 10 |
| MM55-10  | Klebsiella pneumoniae (CRE) NCTC 13440                        |       | 10 |
| MM59-10  | Klebsiella pneumoniae (CRE) NCTC 13442                        |       | 10 |
| MM56-10  | Klebsiella pneumoniae (CRE) NCTC 13443                        |       | 10 |
| MM04-25  | Klebsiella pneumoniae NCTC 9633 / ATCC® 13883                 | 00097 | 25 |
| MM04-10  | Klebsiella pneumoniae NCTC 9633 / ATCC® 13883                 | 00097 | 10 |
| MM83-10  | Klebsiella pneumoniae NCTC 13368 / ATCC® 700603               |       | 10 |
| MM76-10  | Lactobacillus brevis NCTC 13386 / ATCC® 8287                  |       | 10 |
| MM08-10  | Legionella pneumophila serogroup 1 NCTC 11192                 | 00107 | 10 |
| MM92-10  | Listeria innocua NCTC 11288 / ATCC® 33090                     | 00017 | 10 |
| MM48-25  | Listeria monocytogenes NCTC 7973 / ATCC® 35152                | 00109 | 25 |
| MM48-10  | Listeria monocytogenes NCTC 7973 / ATCC® 35152                | 00109 | 10 |
| MM77-10  | Listeria monocytogenes NCTC 13372 ATCC® 7644                  |       | 10 |
| MM87-10  | Listeria monocytogenes NCTC 11994                             | 00019 | 10 |
| MM47-10  | Listeria monocytogenes NCTC 10527 / ATCC® 13932               | 00021 | 10 |
| MM05-5   | Neisseria gonorrhoea NCTC 8375 / ATCC® 19424                  |       | 5  |
| MM96-5   | Neisseria gonorrhoea NCTC 12700 / ATCC® 49226                 |       | 5  |
| MM43-10  | Proteus mirabilis NCTC 13376 / ATCC® 14153                    |       | 10 |
| MM68-10  | Proteus mirabilis NCTC 10975                                  |       | 10 |
| MM09-25  | Proteus vulgaris NCTC 4175 / ATCC® 13315                      |       | 25 |
| MM09-10  | Proteus vulgaris NCTC 4175 / ATCC® 13315                      |       | 10 |
| MM10-25  | Pseudomonas aeruginosa NCTC 12903 / ATCC® 27853               | 00025 | 25 |
| MM10-10  | Pseudomonas aeruginosa NCTC 12903 / ATCC® 27853               | 00025 | 10 |
| MM40-25  | Pseudomonas aeruginosa NCTC 12924 / ATCC® 9027                | 00026 | 25 |

|         |                                                              |       |    |
|---------|--------------------------------------------------------------|-------|----|
| MM40-10 | <i>Pseudomonas aeruginosa</i> NCTC 12924 / ATCC® 9027        | 00026 | 10 |
| MM41-10 | <i>Pseudomonas aeruginosa</i> NCTC 13359 / ATCC® 15442       |       | 10 |
| MM65-10 | <i>Pseudomonas aeruginosa</i> NCTC 10662 / ATCC® 25668       | 00114 | 10 |
| MM97-10 | <i>Rhodococcus equi</i> NCTC 1621 / ATCC® 6939               | 00028 | 10 |
| MM73-25 | <i>Saccharomyces cerevisiae</i> NCPF 3178                    |       | 25 |
| MM73-10 | <i>Saccharomyces cerevisiae</i> NCPF 3178                    |       | 10 |
| MM50-10 | <i>Saccharomyces cerevisiae</i> NCTC 10716/ATCC® 9763        | 00058 | 10 |
| MM84-10 | <i>Salmonella</i> Nottingham NCTC 7832                       |       | 10 |
| MM89-25 | <i>Salmonella</i> Poona NCTC 4840                            |       | 25 |
| MM89-10 | <i>Salmonella</i> Poona NCTC 4840                            |       | 10 |
| MM11-25 | <i>Salmonella</i> Typhimurium NCTC 12023/ ATCC® 14028        | 00031 | 25 |
| MM11-10 | <i>Salmonella</i> Typhimurium NCTC 12023/ ATCC® 14028        | 00031 | 10 |
| MM12-10 | <i>Serratia marcescens</i> NCTC 13382 / ATCC® 8100           |       | 10 |
| MM13-25 | <i>Staphylococcus aureus</i> NCTC12981 / ATCC® 25923         | 00034 | 25 |
| MM13-10 | <i>Staphylococcus aureus</i> NCTC12981 / ATCC® 25923         | 00034 | 10 |
| MM14-25 | <i>Staphylococcus aureus</i> NCTC 12973 / ATCC® 29213        | 00131 | 25 |
| MM14-10 | <i>Staphylococcus aureus</i> NCTC 12973 / ATCC® 29213        | 00131 | 10 |
| MM30-25 | <i>Staphylococcus aureus</i> NCTC 7447 / ATCC® 6538P         | 00033 | 25 |
| MM30-10 | <i>Staphylococcus aureus</i> NCTC 7447 / ATCC® 6538P         | 00033 | 10 |
| MM46-25 | <i>Staphylococcus aureus</i> NCTC 10788 / ATCC® 6538         | 00032 | 25 |
| MM46-10 | <i>Staphylococcus aureus</i> NCTC 10788 / ATCC® 6538         | 00032 | 10 |
| MM64-10 | <i>Staphylococcus aureus</i> (MRSA) NCTC 12493               | 00212 | 10 |
| MM85-10 | <i>Staphylococcus aureus</i> NCTC 6571 / ATCC® 9144          | 00035 | 10 |
| MM91-10 | <i>Staphylococcus aureus</i> (MRSA) NCTC 13373 / ATCC® 43300 | 00211 | 10 |
| MM15-25 | <i>Staphylococcus epidermidis</i> NCTC 13360 / ATCC® 12228   | 00036 | 25 |
| MM15-10 | <i>Staphylococcus epidermidis</i> NCTC 13360 / ATCC® 12228   | 00036 | 10 |
| MM16-10 | <i>Streptococcus agalactiae</i> NCTC 8181 / ATCC® 13813      |       | 10 |
| MM19-25 | <i>Streptococcus pneumoniae</i> NCTC 12695 /ATCC® 6303       |       | 25 |
| MM19-10 | <i>Streptococcus pneumoniae</i> NCTC 12695 /ATCC® 6303       |       | 10 |
| MM95-10 | <i>Streptococcus pneumoniae</i> NCTC 12977 /ATCC® 49619      |       | 10 |
| MM20-25 | <i>Streptococcus pyogenes</i> NCTC 12696 /ATCC® 19615        |       | 25 |
| MM20-10 | <i>Streptococcus pyogenes</i> NCTC 12696 /ATCC® 19615        |       | 10 |
| MM06-10 | <i>Vibrio parahaemolyticus</i> NCTC 10885                    | 00185 | 10 |
| MM80-25 | <i>Yersinia enterocolitica</i> NCTC 12982 / ATCC® 9610       | 00038 | 25 |
| MM80-10 | <i>Yersinia enterocolitica</i> NCTC 12982 / ATCC® 9610       | 00038 | 10 |