

MICROBIOLOGY

## The Broadest Selection of Microbiology CRMs

We offer the broadest selection of microbiological certified reference materials so you can ensure the accuracy of your results.

### Featured Products:

- Unit Dose™ Microbiological Controls
- Quantitative Cultures for USP: 51, 61, 62
- Snap Stick™ Ready-to-Use Culture Swabs

### Microbiology CRMs:

- Easy to use
- Traceable - never more than two passages from the primary culture
- 24 month shelf life for most products



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## Unit Dose™ Microbiological Controls

Strain Cross Reference						
Organism	NCTC/NCPF #	ATCC® #	WDCM/NRRL #	Part #	Pack Size	Activity
Aspergillus brasiliensis	NCPF 2275	ATCC 16404	WDCM 00053	UD-2275	1 Pk/10 vials	100 CFU
Bacillus cereus	NCTC 2599	ATCC 14579	-	UD-2599	1 Pk/10 vials	100 CFU
Bacillus subtilis	NCTC 10400	ATCC 6633	WDCM 00003	UD-6633	1 Pk/10 vials	100 CFU
Candida albicans	NCPF 3179	ATCC 10231	-	UD-12023	1 Pk/10 vials	100 CFU
Enterococcus faecalis	NCTC 775	ATCC 19433	WDCM 00009	UD-775	1 Pk/10 vials	100 CFU
Enterococcus faecalis	NCTC 12697	ATCC 29212	WDCM 00087	UD-12697	1 Pk/10 vials	100 CFU
Escherichia coli	NCTC 12241	ATCC 25922	WDCM 00013	UD-25922	1 Pk/10 vials	100 CFU
Escherichia coli	NCTC 12923	ATCC 8739	WDCM 00012	UD-8739	1 Pk/10 vials	100 CFU
Escherichia coli	NCTC 9001	ATCC 11775	WDCM 00155	UD-9001	1 Pk/10 vials	100 CFU
Klebsiella aerogenes	NCTC 10006	ATCC 13048	WDCM 00175	UD-10006	1 Pk/10 vials	100 CFU
Listeria innocua	NCTC 11288	ATCC 33090	WDCM 00017	UD-11288	1 Pk/10 vials	100 CFU
Listeria monocytogenes	NCTC 7973	ATCC 35152	WDCM 00109	UD-7973	1 Pk/10 vials	100 CFU
Pseudomonas aeruginosa	NCTC 12924	ATCC 9027	WDCM 00026	UD-9027	1 Pk/10 vials	100 CFU
Salmonella Abaetetuba	NCTC 8244	-	-	UD-8244	1 Pk/10 vials	100 CFU
Salmonella Abony	NCTC 6017	-	WDCM 00029	UD-6017	1 Pk/10 vials	100 CFU
Salmonella Typhimurium	NCTC 12023	ATCC 14028	WDCM 00031	*UD-12023	1 Pk/10 vials	100 CFU

## Quantitative Reference Cultures USP 61/62, Growth Promotion and Inhibitory Testing

Strain Cross Reference						
Organism	NCTC/NCPF #	ATCC® #	WDCM/NRRL #	Part #	Pack Size	Activity
Aspergillus brasiliensis	NCPF 2275	ATCC 16404	WDCM 00053	61-00053	1 Pk/10 Vials	1,000 CFU
Bacillus subtilis	NCTC 10400	ATCC 6633	WDCM 00003	61-0003	1 Pk/10 Vials	1,000 CFU
Candida albicans	NCPF 3179	ATCC 10231	WDCM 00054	61-00054	1 Pk/10 Vials	1,000 CFU
Escherichia coli	NCTC 12933	ATCC 8739	WDCM 0012	61-0012	1 Pk/10 Vials	1,000 CFU
Pseudomonas aeruginosa	NCTC 12924	ATCC 9027	WDCM 00026	61-00026	1 Pk/10 Vials	1,000 CFU
Salmonella enterica Abony	NCTC 6017	-	WDCM 00029	61-00029	1 Pk/10 Vials	1,000 CFU
Salmonella Typhimurium	NCTC 12023	ATCC 14028	WDCM 00031	*61-00031	1 Pk/10 Vials	1,000 CFU
Staphylococcus aureus	NCTC 10788	ATCC 6538	WDCM 0032	61-0032	1 Pk/10 Vials	1,000 CFU

\* These items are subject to ECCN regulations. Certain restrictions apply to international sales.

## 10K CFU Quantitative Reference Cultures - Innovative Controls to Support Data Quality

Strain Cross Reference						
Organism	NCTC/NCPF #	ATCC® #	WDCM/NRRL #	Part #	Pack Size	Activity
Aspergillus brasiliensis	NCPF 2275	ATCC 16404	WDCM 00053	10K-00053	1 Pk/ 10 Vials	10,000 CFU
Bacillus subtilis	NCTC 10400	ATCC 6633	WDCM 00003	10K-0003	1 Pk/ 10 Vials	10,000 CFU
Candida albicans	NCPF 3179	ATCC 10231	WDCM 00054	10K-00054	1 Pk/ 10 Vials	10,000 CFU
Escherichia coli	NCTC 12933	ATCC 8739	WDCM 0012	10K-0012	1 Pk/ 10 Vials	10,000 CFU
Pseudomonas aeruginosa	NCTC 12924	ATCC 9027	WDCM 00026	10K-00026	1 Pk/ 10 Vials	10,000 CFU
Salmonella enterica Abony	NCTC 6017	-	WDCM 00029	10K-00029	1 Pk/ 10 Vials	10,000 CFU
Salmonella Typhimurium	NCTC 12023	ATCC 14028	WDCM 00031	*10K-00031	1 Pk/ 10 Vials	10,000 CFU
Staphylococcus aureus	NCTC 10788	ATCC 6538	WDCM 0032	10K-0032	1 Pk/ 10 Vials	10,000 CFU

## Snap Stick™ Ready-to-Use Qualitative Culture Swabs

Organism	Strain Cross Reference			2-Pack Part #	6-Pack Part #
	NCTC/NCPF #	ATCC® #	WDCM/NRRL #		
Aspergillus brasiliensis	NCPF 2275	ATCC 16404	WDCM 00053	SS-16404-2	SS-16404-6
Aspergillus flavus	-	ATCC 16883	NRRL 1957	SS-16883-2	SS-16883-6
Aspergillus fumigatus	-	ATCC 1022	NRRL 163	SS-1022-2	SS-1022-6
Aspergillus niger	-	ATCC 16888	NRRL 326	SS-16888-2	SS-16888-6
Aspergillus terreus	-	ATCC 1012	NRRL 255	SS-1012-2	SS-1012-6
Bacillus cereus	NCTC 10320	ATCC 11778	WDCM 00001	SS-11778-2	SS-11778-6
Bacillus subtilis	NCTC 10400	ATCC 6633	WDCM 00003	SS-6633-2	SS-6633-6
Candida albicans	NCPF 3179	ATCC 10231	WDCM 00054	SS-10231-2	SS-10231-6
Enterococcus faecalis	NCTC 12697	ATCC 29212	WDCM 00087	SS-29212-2	SS-29212-6
Enterococcus faecalis	NCTC 775	ATCC 19433	WDCM 00009	SS-19433-2	SS-19433-6
E. coli	NCTC 12241	ATCC 25922	WDCM 00013	SS-25922-2	SS-25922-6
E. coli	NCTC 12923	ATCC 8739	WDCM 0012	SS-8739-2	SS-8739-6
E. coli O157:H7 Non-toxigenic	NCTC 12900	ATCC 700728	WDCM 00014	SS-700728-2	SS-700728-6
Klebsiella aerogenes	NCTC 10006	ATCC 13048	WDCM 00175	SS-13048-2	SS-13048-6
Legionella pneumophila	NCTC 11192	ATCC 33152	WDCM 00107	SS-33152-2	SS-33152-6
Listeria monocytogenes	NCTC 10527	ATCC 13932	-	SS-13932-2	SS-13932-6
Listeria monocytogenes	NCTC 7973	ATCC 35152	WDCM 00109	SS-35152-2	SS-35152-6
Pseudomonas aeruginosa	NCTC 12903/12934	ATCC 27853	WDCM 00025	SS-27853-2	SS-27853-6
Pseudomonas aeruginosa	NCTC 12924	ATCC 9027	WDCM 00026, NRRL B-800	SS-9027-2	SS-9027-6
Saccharomyces cerevisiae	NCTC 10716	ATCC 9763	WDCM 00058, NRRL Y-567	SS-9763-2	SS-9763-6
Salmonella enterica Abaetetuba	NCTC 8244	-	-	SS-8244-2	SS-8244-6
Salmonella enterica Typhimurium	NCTC 12023	ATCC 14028	WDCM 00031	*SS-14028-2	*SS-14028-6
Staphylococcus aureus	NCTC 10788	ATCC 6538	WDCM 0032	SS-6538-2	SS-6538-6
Vibrio parahaemolyticus	NCTC 10903	ATCC 17802	WDCM 00037	SS-17802-2	SS-17802-6

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## Quantitative Reference Cultures - USP 51 Antimicrobial Effectiveness Testing

Organism	Strain Cross Reference			Part #	Pack Size	Activity
	NCTC/NCPF #	ATCC® #	WDCM/NRRL #			
Aspergillus brasiliensis	NCPF 2275	ATCC 16404	WDCM 00053	51-00053	1 Pk/ 10 Vials	>10E <sup>7</sup> CFU
Bacillus subtilis	NCTC 10400	ATCC 6633	WDCM 00003	51-0003	1 Pk/ 10 Vials	10E <sup>8</sup> CFU
Candida albicans	NCPF 3179	ATCC 10231	WDCM 00054	51-00054	1 Pk/ 10 Vials	10E <sup>8</sup> CFU
Escherichia coli	NCTC 12933	ATCC 8739	WDCM 0012	51-0012	1 Pk/ 10 Vials	10E <sup>8</sup> CFU
Pseudomonas aeruginosa	NCTC 12924	ATCC 9027	WDCM 00026	51-00026	1 Pk/ 10 Vials	10E <sup>8</sup> CFU
Staphylococcus aureus	NCTC 6017	-	WDCM 00029	51-0032	1 Pk/ 10 Vials	10E <sup>8</sup> CFU

NCTC and NCPF are reference cultures obtained from the National Collection of Type Cultures and National Collection of Pathogenic Fungi, two collections of the UK Health Security Agency. ATCC is a registered trademark of American Type Culture Collection. NRRL reference cultures obtained from USDA NRRL ARS culture collection.

Product stability claims including post-hydration testing, shipping, storage, and shelf-life have been validated by internal and external verification studies and through partner testing organizations in accordance with ISO 17025, ISO 17034, and ISO 17043.



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