



RECOMMENDED COMPLIANT STRAINS

Code	Product	Characteristic	EUCAST
PLD18	<i>Enterococcus faecalis</i>	Susceptible, wild-type	*
PLD02	<i>Escherichia coli</i>	Susceptible, wild-type	*
PLD24	<i>Escherichia coli</i>	TEM-1 β -Lactamase, ampicillin resistant	**
PLD81	<i>Haemophilus influenzae</i>	β -Lactamase negative, ampicillin resistant	**
PLD100	<i>Haemophilus influenzae</i>	Susceptible, wild-type	*
PLD10	<i>Pseudomonas aeruginosa</i>	Susceptible, wild-type	*
PLD14	<i>Staphylococcus aureus</i>	Weak β -Lactamase producer	*
PLD64	<i>Staphylococcus aureus</i>	mecA-positive, hetero resistant MRSA	**
PLD95	<i>Streptococcus pneumoniae</i>	Low-level chromosomally mediated penicillin resistant	*

Code	Product	Characteristic	BSAC
PLD18	<i>Enterococcus faecalis</i>	Susceptible, wild-type	*
PLD02	<i>Escherichia coli</i>	Susceptible, wild-type	*
PLD33	<i>Escherichia coli</i>		*
PLD63	<i>Escherichia coli</i>	β -Lactamase producer	*
PLD81	<i>Haemophilus influenzae</i>	β -Lactamase negative, ampicillin resistant	*
PLD98	<i>Haemophilus influenzae</i>		*
PLD96	<i>Neisseria gonorrhoeae</i>	Low-level penicillin resistant	*
PLD10	<i>Pseudomonas aeruginosa</i>	Susceptible, wild-type	*
PLD65	<i>Pseudomonas aeruginosa</i>		*
PLD13	<i>Staphylococcus aureus</i>		*
PLD64	<i>Staphylococcus aureus</i>	mecA-positive, hetero resistant MRSA	*
PLD85	<i>Staphylococcus aureus</i>		*
PLD95	<i>Streptococcus pneumoniae</i>	Low-level chromosomally mediated penicillin resistant	*

* Recommended for routine testing

** Additional Q.C. organisms for detection of specific resistance mechanisms

BSAC - British Society of Antimicrobial Chemotherapy

EUCAST - European Committee on Antimicrobial Susceptibility Testing

PRODUCT FEATURES

- Guaranteed first-generation source of bacterial cultures
- Stringent quality control testing (UKAS accredited method)
- EUCAST and BSAC strain requirements enclosed
- Supplied in units of 10 discs
- Expiry date of up to 12 months

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Pro-Cult® First-Generation Quality-Control Organisms



Pro-Cult® from Pro-Lab Diagnostics offers first-generation quality-control organisms manufactured under licence from the Health Protection Agency Culture Collections. The organisms are manufactured exclusively from NCTC and NCPF source strains, and every batch is guaranteed to be a first-generation derivative.

Each Pro-Cult® disc is a freeze-dried presentation of approximately 10^6 to 10^9 viable organisms. Unlike many other cultures derived from recognised culture collections, each lot number of Pro-Cult® is guaranteed as “First Generation” directly traceable to its source.

Strains for production of Pro-Cult® discs are taken from recognised national collections: NCTC or NCPF, depending on the strain required. The original freeze-dried culture is initially grown on appropriate culture media and then suspended in a special solution. This solution is then dispensed as drops, frozen without delay, and freeze dried.

The resulting Pro-Cult® discs can then be reconstituted in liquid media or placed directly onto solid media. As the discs are extremely hygroscopic, moisture is absorbed from the solid media and the discs become spreadable within a few minutes to give an instant inoculum. This method is particularly recommended for fastidious organisms. All quality-control testing used to guarantee the performance of Pro-Cult® is UKAS accredited.

Supplied in units of 10 discs with an expiry date up to 12 months from the date of manufacture depending on the strain. The extensive range available includes all requirements for the BSAC (British Society of Antimicrobial Chemotherapy) and EUCAST (European Committee on Antimicrobial Susceptibility Testing).

NCTC and National Collection of Type Cultures are trademarks of the Health Protection Agency. ATCC® is a registered trademark of the American Type Culture Collection.

PRODUCT AVAILABILITY

Code	Product	Strain Designation
PLD25	<i>Acinetobacter baumannii</i>	NCTC 12156 / ATCC® 19606
PLD49	<i>Aeromonas hydrophila</i>	NCTC 8049 / ATCC® 7966
PLD94	<i>Aspergillus brasiliensis</i>	NCPF 2275 / ATCC®16404
PLD86	<i>Bacillus cereus</i>	NCTC 7464 / ATCC® 10876
PLD29	<i>Bacillus subtilis</i>	NCTC 10400 / ATCC® 6633
PLD44	<i>Bacteroides fragilis</i>	NCTC 9343 / ATCC® 25285
PLD70	<i>Burkholderia cepacia</i>	NCTC 10661 / ATCC® 17759
PLD82	<i>Campylobacter jejuni</i>	NCTC 11322 / ATCC® 29428
PLD28	<i>Candida albicans</i>	NCPF 3255 / ATCC® 2091
PLD42	<i>Candida albicans</i>	NCPF 3179 / ATCC® 10231
PLD27	<i>Citrobacter freundii</i>	NCTC 9750 / ATCC® 8090
PLD45	<i>Clostridium perfringens</i>	NCTC 8237 / ATCC® 13124
PLD31	<i>Clostridium sporogenes</i>	NCTC 532 / ATCC® 19404
PLD26	<i>Enterobacter aerogenes</i>	NCTC 10006 / ATCC® 13048
PLD01	<i>Enterobacter cloacae</i>	NCTC 13380 / ATCC® 23355
PLD17	<i>Enterococcus faecalis</i>	NCTC 775 / ATCC® 19433
PLD18	<i>Enterococcus faecalis</i>	NCTC 12697 / ATCC® 29212
PLD52	<i>Enterococcus faecalis</i>	NCTC 13379 / ATCC® 51299
PLD35	<i>Enterococcus hirae</i>	NCTC13383 / ATCC®10541
PLD02	<i>Escherichia coli</i>	NCTC 12241 / ATCC® 25922
PLD24	<i>Escherichia coli</i>	NCTC 11954 / ATCC® 35218
PLD33	<i>Escherichia coli</i>	NCTC 10418 / ATCC® 10536
PLD38	<i>Escherichia coli</i>	NCTC 12923 / ATCC® 8739
PLD63	<i>Escherichia coli</i>	NCTC 11560
PLD75	<i>Escherichia coli</i>	NCTC 9001 / ATCC® 11775
PLD93	<i>Escherichia coli O157 non-toxigenic *</i>	NCTC 12900 / ATCC® 700728
PLD81	<i>Haemophilus influenzae</i>	NCTC 12699 / ATCC® 49247
PLD98	<i>Haemophilus influenzae</i>	NCTC 11931
PLD100	<i>Haemophilus influenzae</i>	NCTC 8468 / ATCC® 9334
PLD88	<i>Klebsiella aerogenes</i>	NCTC 9528
PLD04	<i>Klebsiella pneumoniae</i>	NCTC 9633 / ATCC® 13883
PLD83	<i>Klebsiella pneumoniae **</i>	NCTC 13368 / ATCC® 700603
PLD76	<i>Lactobacillus brevis</i>	NCTC 13386 / ATCC® 8287
PLD92	<i>Listeria innocua</i>	NCTC 11288 / ATCC® 33090
PLD48	<i>Listeria monocytogenes</i>	NCTC 7973 / ATCC® 35152
PLD77	<i>Listeria monocytogenes</i>	NCTC 13372 / ATCC® 7644
PLD87	<i>Listeria monocytogenes</i>	NCTC 11994
PLD05	<i>Neisseria gonorrhoeae</i>	NCTC 8375 / ATCC® 19424
PLD96	<i>Neisseria gonorrhoeae</i>	NCTC 12700 / ATCC® 49226
PLD43	<i>Proteus mirabilis</i>	NCTC 13376 / ATCC® 14153
PLD68	<i>Proteus mirabilis</i>	NCTC 10975
PLD09	<i>Proteus vulgaris</i>	NCTC 4175 / ATCC® 13315
PLD10	<i>Pseudomonas aeruginosa</i>	NCTC 12903 / ATCC® 27853
PLD40	<i>Pseudomonas aeruginosa</i>	NCTC 12924 / ATCC® 9027
PLD41	<i>Pseudomonas aeruginosa</i>	NCTC 13359 / ATCC® 15442
PLD65	<i>Pseudomonas aeruginosa</i>	NCTC 10662 / ATCC® 25668
PLD97	<i>Rhodococcus equi</i>	NCTC 1621 / ATCC® 6939
PLD73	<i>Saccharomyces cerevisiae</i>	NCPF 3178
PLD74	<i>Salmonella bongori</i>	NCTC 12419 / ATCC® 43975
PLD84	<i>Salmonella nottingham</i>	NCTC 7832
PLD89	<i>Salmonella poona</i>	NCTC 4840
PLD11	<i>Salmonella typhimurium</i>	NCTC 12023 / ATCC® 14028
PLD12	<i>Serratia marcescens</i>	NCTC 13382 / ATCC® 8100
PLD13	<i>Staphylococcus aureus</i>	NCTC12981 / ATCC® 25923
PLD14	<i>Staphylococcus aureus</i>	NCTC 12973 / ATCC® 29213
PLD30	<i>Staphylococcus aureus</i>	NCTC 7447 / ATCC® 6538P
PLD46	<i>Staphylococcus aureus</i>	NCTC 10788 / ATCC® 6538
PLD64	<i>Staphylococcus aureus ***</i>	NCTC 12493
PLD85	<i>Staphylococcus aureus</i>	NCTC 6571 / ATCC® 9144
PLD91	<i>Staphylococcus aureus</i>	NCTC 13373 / ATCC® 43300
PLD15	<i>Staphylococcus epidermidis</i>	NCTC 13360 / ATCC® 12228
PLD16	<i>Streptococcus agalactiae</i>	NCTC 8181 / ATCC® 13813
PLD19	<i>Streptococcus pneumoniae</i>	NCTC 12695 / ATCC® 6303
PLD95	<i>Streptococcus pneumoniae</i>	NCTC 12977 / ATCC® 49619
PLD20	<i>Streptococcus pyogenes</i>	NCTC 12696 / ATCC® 19615
PLD06	<i>Vibrio parahaemolyticus</i>	NCTC 10885
PLD80	<i>Yersinia enterocolitica</i>	NCTC 12982 / ATCC® 9610

* Non-Toxigenic Strain
 ** Extended Spectrum β -Lactamase
 *** Methicillin Resistant (MRSA)

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