

Portfolio

Quality Control Organisms - Quanti-Cult^{PLUS}

The Oxoid range of quality control organisms provides reassurance and convenience.

Here are three reasons to choose our Quanti-Cult^{PLUS} range:

- 1 Reliability
- 2 Ease of Use
- 3 Regulatory Compliance

NEW!

When refrigerated, Quanti-Cult^{PLUS} provides consistent counts for up to 8 hours following rehydration.

OXOID

1 Reliability

Quanti-Cult^{PLUS™} quantitative quality control organisms come with a heritage. With 25 years experience in their production, you can be assured of quality and reliability when you purchase your QC organisms from Oxoid.

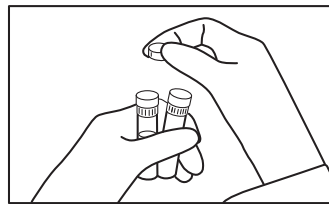
The Quanti-Cult^{PLUS™} patented gel-preservation process maintains phenotypic characteristics and ensures enhanced recovery and reproducibility.

These highly stable micro-organisms are derived from ATCC® cultures (or other reference strain, as stated). To minimise the risk of mutation, no more than 4 passages from the original ATCC® seed strain is permitted in their manufacture.

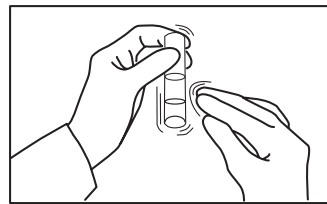
Quanti-Cult^{PLUS™} is registered with the ATCC® Licence Derivative Programme which guarantees the quality of the ATCC® strain.

2 Ease of Use

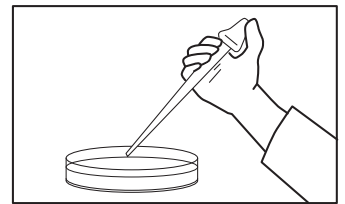
Simple 3 step method – Rehydrate, Incubate, Dispense – eliminating the growth period and dilution steps.



1. Rehydrate



2. Incubate 15 min; Mix Well



3. Pipette/Decant

Quanti-Cult^{PLUS™} quality control organisms are supplied as ready to use vials. A film of preserved micro-organisms is attached to the inside of the vial cap.

No additional diluent is required. The vials are simply stored in a refrigerator.

Once rehydrated, Quanti-Cult^{PLUS™} may be stored in the refrigerator for up to 8 hours¹.

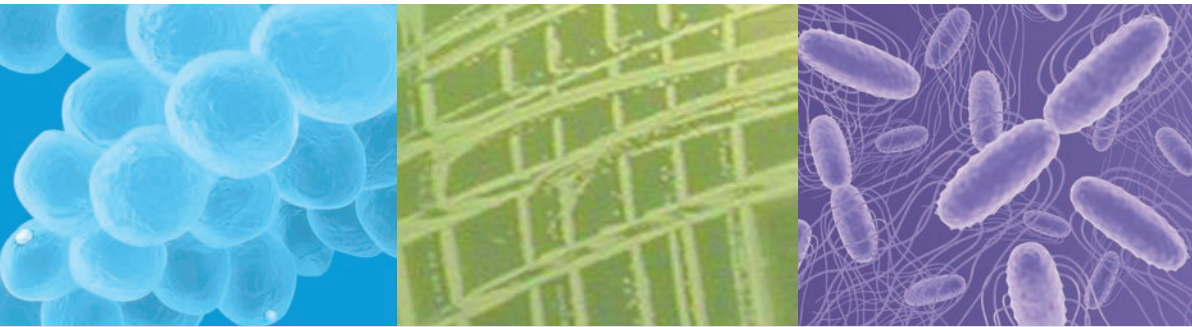
3 Compliance and Validation

Validation is made easy. For example, all of the ATCC® microbial strains specified/recommended by the harmonised Microbial Limit Test chapters of the EP, USP and JP^{2,3,4} are available in the Quanti-Cult^{PLUS}™ range.

A Certificate of Quality is provided with every batch. The self-contained diluent is quality control tested together with each strain, providing you with total assurance. Each test fully complies with the recommended inoculum of <100CFU.

Peel-off, transferable data labels ensure that your documentation is accurate and make your life easier.

[See our Full Range on the Next Page](#)



NEW: 8 hour timescale for use

Recent studies¹ have shown that, when stored in a refrigerator at 2-8°C, Quanti-Cult^{PLUS}™ organisms can be relied on to deliver consistent counts for up to 8 hours following rehydration (see Figures 1 and 2 below - data for other organisms are available; please contact your local Oxoid representative for more details). Rehydrated suspensions should be re-mixed prior to each inoculation.

Figure 1

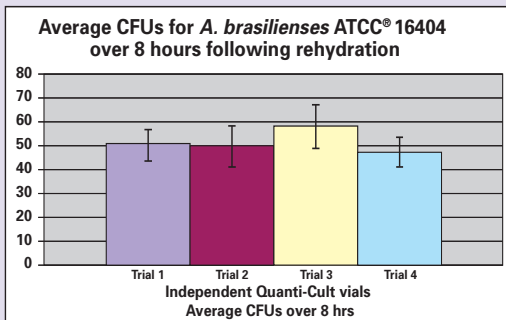
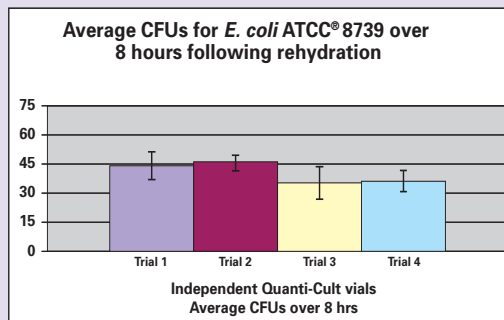


Figure 2



How to Order

Each Quanti-Cult PLUSTM pack holds 10 vials (10 tests per vial).
Quanti-Cult PLUSTM Plus delivers <100 CFUs in each of 10 inocula of 0.1ml.
Total diluent volume per vial is 1.1ml.

Organism	Order Code	Sterility EP 2.6.1	Microbial Examination of non-sterile products EP 2.6.12/EP 2.6.13
<i>Aspergillus brasiliensis</i> ATCC®16404 ^{TM*}	Q1100C	X	X
<i>Bacillus subtilis</i> ATCC®6633 ^{TM*}	Q1221C	X	X
<i>Brevundimonas diminuta</i> ATCC®19146 ^{TM*}	Q1300C†		
<i>Candida albicans</i> ATCC®10231 ^{TM*}	Q1503C	X	X
<i>Candida albicans</i> ATCC®2091 ^{TM*}	Q1601C		
<i>Clostridium sporogenes</i> ATCC®11437 ^{TM*}	Q1703C		X
<i>Clostridium sporogenes</i> ATCC®19404 ^{TM*}	Q1700C	X	
<i>Enterococcus faecalis</i> ATCC®29212 ^{TM*}	Q7030C		
<i>Enterococcus faecium</i> ATCC®35667 ^{TM*}	Q1956C†		
<i>Escherichia coli</i> ATCC®8739 ^{TM*}	Q7085C		X
<i>Kocuria rhizophila</i> (<i>M. luteus</i>) ATCC®9341 ^{TM*}	Q4075C		
<i>Pseudomonas aeruginosa</i> ATCC®9027 ^{TM*}	Q5210C	X	X
<i>Pseudomonas cepacia</i> ATCC®25416 ^{TM*}	Q5220C		
<i>Salmonella abony</i> NCTC®6017	Q6007C		
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar <i>cholerasuis</i> ATCC®10708 ^{TM*}	Q9001C†		
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar <i>Typhimurium</i> ATCC®13311 ^{TM*}	Q6100C		
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar <i>Typhimurium</i> ATCC®14028 ^{TM*}	Q6000C†		X
<i>Serratia marcescens</i> ATCC®8100 ^{TM*}	Q8001C†		
<i>Shigella sonnei</i> ATCC®25931 ^{TM*}	Q6300C†		
<i>Staphylococcus aureus</i> ATCC®6538 ^{TM*}	Q7016C	X	X
<i>Staphylococcus aureus</i> ATCC®6538P ^{TM*}	Q9002C		
<i>Staphylococcus aureus</i> ATCC®29737 ^{TM*}	Q7020C†		
<i>Staphylococcus epidermidis</i> ATCC®12228 ^{TM*}	Q6500C		
<i>Streptococcus pyogenes</i> ATCC®19615 ^{TM*}	Q7000C†		

† Special Quanti-Cult PLUSTM product is not a stock item, please contact your local representative for details of availability.

* ATCC Licensed Derivative The ATCC Licensed Derivative EmblemTM, the ATCC Licensed Derivative word mark[®], and the ATCC catalog marks are trademarks of ATCC. Oxoid Limited. is licensed to use these trademarks and to sell products derived from ATCC[®] cultures. Quanti-Cult PLUSTM are manufactured for Oxoid Ltd by Remel, an FDA approved company. FDA Registration No. 1625984. Quanti-Cult PLUSTM is a registered trademark of Remel Inc. Hazard Group 2/3

References

1. Data on file at Oxoid. 2. European Pharmacopoeia 6.1. 2.6.12 Microbiological Examination of Non-Sterile Products. Harmonised Method: Microbial Enumeration tests 2.6.13 Microbiological Examination of Non-Sterile Products: Test for Specified Micro-organisms. B. Harmonised Method. (2008). 3. US Pharmacopoeia 30. <61> Microbiological Examination of Non-Sterile Products: Microbial Enumeration Tests. <62> Microbiological Examination of Non-Sterile Products: Tests for Specified Microorganisms. (2008). 4. Japanese Pharmacopoeia. 15th Edition. (2006).



Oxoid, Wade Road, Basingstoke,
Hants RG24 8PW, UK

Tel: +44 (0) 1256 841144

Fax: +44 (0) 1256 329728

Email: oxoid.info@thermofisher.com

www.oxoid.com

www.thermofisher.com

DEDICATED TO MICROBIOLOGY

