

Fast, Accurate QC Microorganisms



Reliable Biological Controls for Pharmaceutical and Personal Care Product Laboratories

 **Microbiologics®**

THE BROADEST COLLECTION OF READY-TO-USE QC MICROORGANISMS FOR GROWTH PROMOTION TESTING

EZ-CFU™

Economical, quantitative format for high-volume Growth Promotion Testing

- Delivers 10-100 CFU per 0.1 ml
- 900+ tests per kit
- 3 passages from reference culture
- Online Certificate of Analysis and Statistical Certificate
- Perfect for high-volume testing

EZ-CFU kits include:

- 20 lyophilized pellets of a single quantitative microorganism
- 10 vials of hydrating fluid (2 ml in each vial)

EZ-CFU™ One Step

Quantitative, ready-to-use pellets for Growth Promotion Testing

- Delivers 10-100 CFU per 0.1 ml
- Up to 8-hour stability
- No dilutions required
- 3 passages from reference culture
- Online Certificate of Analysis and Statistical Certificate
- Perfect for performing 19 tests or fewer

EZ-CFU One Step kits include:

- 20 lyophilized pellets of a single quantitative microorganism
- 10 vials of hydrating fluid (2 ml in each vial)





GROWTH PROMOTION TESTING SOLUTIONS

EZ-Accu Shot™ Select

Five compendial strains plus *E. Coli* in one convenient kit for Growth Promotion Testing

- Five compendial strains plus *E. coli* in one kit
- Instant dissolve pellets
- Up to 8-hour stability
- No dilutions required
- 3 passages from reference culture
- Delivers 10-100 CFU per 0.1 ml

EZ-Accu Shot Select kits include:

- 1 vial of each microorganism listed below (1 lyophilized pellet per vial)
- 6 vials of hydrating fluid (1.2 ml in each vial)
- 6 peel-off labels, one for each strain

Licensed, traceable strains:

- *Aspergillus brasiliensis* derived from ATCC® 16404™*
- *Bacillus subtilis* subsp. *spizizenii* derived from ATCC® 6633™*
- *Candida albicans* derived from ATCC® 10231™*
- *Escherichia coli* derived from ATCC® 8739™*
- *Pseudomonas aeruginosa* derived from ATCC® 9027™*
- *Staphylococcus aureus* subsp. *aureus* derived from ATCC® 6538™*

EZ-Accu Shot™

Fast, convenient format for Growth Promotion Testing

- Instant dissolve pellets
- Up to 8-hour stability
- No dilutions required
- 3 passages from reference culture
- Perfect for performing 10 tests or fewer
- Delivers 10-100 CFU per 0.1 ml

EZ-Accu Shot kits include:

- 5 vials of a single enumerated microorganism (1 lyophilized pellet per vial)
- 5 vials of hydrating fluid (1.2 ml in each vial)

ANTIMICROBIAL EFFECTIVENESS TESTING AND MULTIPLE CONCENTRATIONS

EZ-PEC™

Ready-to-use QC microorganism challenge concentrations to meet compendial requirements for AET and PET

- Hydrating fluid include
- 3 passages from reference culture
- Delivers 1.0×10^5 to 1.0×10^6 CFU per ml of product being tested

EZ-PEC kits include:

- 20 lyophilized pellets of a single enumerated strain
- 10 vials of hydrating fluid (2 ml in each vial)

Epower™

Versatile, quantitative controls in concentrations ranging from 10^2 to 10^8 CFU per pellet

- Concentrations ranging from 10^2 - 10^8 CFU per pellet
- Over 50 strains available
- 3 passages from reference culture
- Extremely versatile
 - Can be combined for a mixed microorganism population
 - Easily manipulated to deliver a wide variety of concentrations
- Vial of 10 lyophilized pellets
- Also available in CRM for ISO 17025 labs



SOLUTIONS FOR AN ARRAY OF PHARMACOPIAL TESTS

Highest Quality Credentials | Licensed, Traceable Strains



SOLUTIONS FOR EVERY LABORATORY

- Qualitative & Quantitative formats
- World class Customer Service
- Comprehensive Technical Support

ENVIRONMENTAL ISOLATES

Custom Solutions

YOUR STRAIN

Send your environmental isolate or objectionable microorganism to Microbiologics; our team will professionally preserve the strain and create a product for your QC testing needs.

YOUR FORMAT

Based on your packaging preferences and target concentration for quantitative products, we will design an easy-to-use, convenient QC microorganism product - made to your specifications with your unique microorganism strain.

YOUR CONVENIENCE

Your custom-designed product is then shipped, as needed, to your testing location(s) throughout the world. Your lab will save a tremendous amount of time, labor and money. Ask us about expedited service.



TWO PASSAGES

KWIK-STIK™ PLUS

Ready-to-use qualitative controls
2 passages from reference culture

- Qualitative microorganisms in a ready-to-use device, including hydrating fluid and inoculating swab
- 2 passages from reference culture
- All USP compendial strains available



Test Method	Growth Promotion Test	Suitability of Counting Methods	Suitability of Sterility Tests	Suitability of Tests for Specified Microorganisms	Antimicrobial Effectiveness Test	Disinfectant Qualification	Instrument Validation	Validation of Neutralization Methods	Antibiotic Assays
EZ-Accu Shot™									
27 licensed strains									
No dilutions	●	●	●	●				●	
Hydrating fluid included									
50 tests per kit									
EZ-Accu Shot™ Select									
5 compendial strains plus E. coli in 1 kit	●	●	●	●				●	
No dilutions									
Hydrating fluid included									
60 tests per kit (10 per strain)									
EZ-CFU™									
30 licensed strains	●	●	●	●				●	
One log dilution									
Hydrating fluid included									
900+ tests per kit									
EZ-CFU™ One Step									
29 licensed strains	●	●	●	●				●	
No dilutions									
Hydrating fluid included									
190 tests per kit									
EZ-PEC™									
7 licensed strains					●				
No dilutions									
Hydrating fluid included									
10 tests per kit									
KWIK-STIK™ Plus									
92 licensed strains	●	●	●	●	●	●	●	●	●
2 passages from ref. culture									
Easy-to-use KWIK-STIK™									
Pack of 5 STIKs									
Epower™									
55 licensed strains		●				●			
Pellet concentrations from 10 ² to 10 ⁸									
Extremely versatile									
10 pellets per vial									



*Look for the ATCC Licensed Derivative® Emblem for products derived from ATCC® cultures. The ATCC Licensed Derivative Emblem, the ATCC Licenses Derivative Word mark, and the ATCC Catalog Marks are trademarks of ATCC. Microbiologics, Inc. is licensed to use these trademarks and to sell products derived from ATCC® cultures.

Simple, reliable QC testing

Contact us to learn more
320.253.1640
800.599.BUGS(2847)

www.microbiologics.com

BRO13 Rev C

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A safer, healthier world.

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ISO 17025:2005 Accredited
ISO Guide 34:2009 Accredited
CE Mark Conformity
Food and Drug Administration Establishment
ATCC Licensed Derivative® Program*