

Applications:

- Growth Promotion Testing
- Media Challenge Testing
- Suitability of Counting Methods
- Suitability of Sterility Tests
- Suitability of Tests for Specified Microorganisms
- Microbial Limits Testing
- Microbial Enumeration Testing
- Validation of Neutralization Methods
- Methods requiring a low CFU concentration

Package Details:

- 5 vials of a single, quantitated microorganism (1 lyophilized pellet per vial)
- 5 vials of hydrating fluid (1.2 ml in each vial)
- Up to 50 tests per kit
- Illustrated Instructions

Highlights:

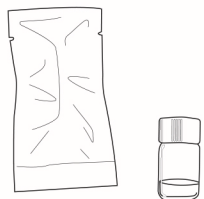
- Delivers 10-100 CFU per 0.1 ml as required by USP/Ph. Eur./JP
- Instant dissolve pellet reduces preparation time
- No dilutions required for simplified test procedure
- Up to 8 hours stability allows for ultimate flexibility
- 50 tests per kit, ideal quantity for labs of any size
- Refrigerated storage is easy and economical
- Online Certificate of Analysis provides detailed strain information
- Authentic, traceable strains at four passages (or fewer) from reference culture – meets USP/Ph. Eur./JP requirements
- Technical Support experts available for guidance

Available in these common strains and many more!

- **0392A** *Aspergillus brasiliensis*
derived from ATCC® 16404™*
- **0998A** *Bacillus cereus*
derived from ATCC® 10876™*
- **0486A** *Bacillus subtilis* subsp. *spizizenii*
derived from ATCC® 6633™*
- **0443A** *Candida albicans*
derived from ATCC® 10231™*
- **0487A** *Clostridium sporogenes*
derived from ATCC® 11437™*
- **0483A** *Escherichia coli*
derived from ATCC® 8739™*
- **0419A** *Propionibacterium acnes*
derived from ATCC® 11827™*
- **0484A** *Pseudomonas aeruginosa*
derived from ATCC® 9027™*
- **0363A** *Salmonella enterica* subsp. *enterica* serovar Typhimurium derived from ATCC® 14028™*
- **0485A** *Staphylococcus aureus* subsp. *aureus*
derived from ATCC® 6538™*

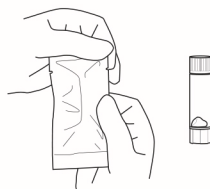
1

Remove 1 vial of hydrating fluid and 1 foil pouch containing lyophilized pellet from refrigerated storage. Allow unopened pouch and hydrating fluid to equilibrate to room temperature (about 30 minutes).



2

Tear open the foil pouch and remove the vial containing 1 lyophilized pellet.



3

Remove the cap from the pellet vial and the hydrating fluid vial. Tip 1 pellet into the 1.2 ml vial of hydrating fluid. Only 1 pellet must be used to obtain the challenge concentration of 10–100 CFU per 0.1 ml on non-selective media. Immediately recap hydrating fluid vial.



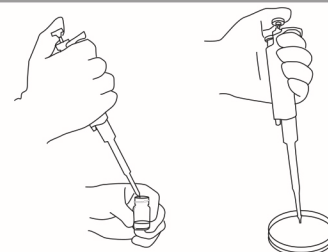
4

Vortex hydrated material until pellet has completely dissolved and suspension is homogeneous.



5

With a sterile pipette, transfer 0.1 ml of the hydrated suspension to the material being challenged (0.1 ml contains 10–100 CFU). Note: Remaining suspension can be refrigerated and used for up to 8 hours, with the exception of catalog number 0484A, which must be used within 30 minutes. Test suspension immediately after removing it from refrigerator.



6

Proceed with the challenge procedure according to laboratory protocol. Refrigerate suspension at 2°C–8°C if it will be used again. Discard any remaining hydrated material in accordance with the laboratory protocol for disposal of biohazard materials.

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