

Millipore®

Preparation, Separation,
Filtration & Testing Products

MERCK



SimPlate® Method

Quantitative Method for:

Total Plate Count, Yeast & Mold,
Coliforms/*E. coli*, *Campylobacter*,
Enterobacteriaceae

An Improved Counting Method

Developed to overcome the limitations of other counting methods, the SimPlate® system with Binary Detection Technology™ represents the latest technological advancement in counting methods. The SimPlate® combination of pre-measured media and patented plating device provide accurate, easy-to-read results days faster than traditional methods.



Mix sample/medium and pour onto SimPlate device. Distribute sample/medium and incubate.

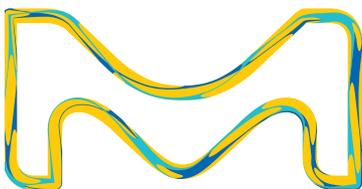


Beginning incubation



Incubation complete

After incubation, wells that are positive will exhibit color change from the background color. Simply count the number of positive wells, refer to the SimPlate Conversion Table and arrive at the number of organisms in the sample.



The life science business of Merck KGaA, Darmstadt, Germany operates as MilliporeSigma in the U.S. and Canada.

SimPlate® Method

Reduce Costs

Faster Results: SimPlate® results are available days faster than traditional methods. This allows you to release product sooner, address problem areas quickly, and lower operational costs.

Fewer Dilutions: The SimPlate® device has a maximum counting range of 738 while agar plate and film counting ranges are limited to 300 cfu or less. SimPlate®'s larger counting range reduces the number of dilutions and reruns due to TNTC results, saving time, labor, and material costs.

Easy to Prepare: SimPlate® media comes pre-measured and ready-to-hydrate, eliminating the elaborate and costly steps of traditional plating procedures.

Simplify Procedures

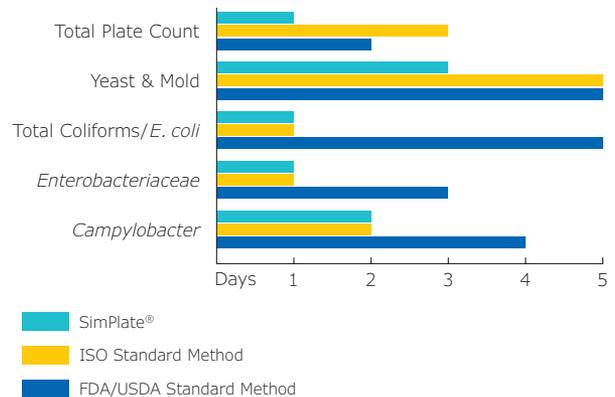
Easy-to-Read Results: With SimPlate®'s Binary Detection Technology, positive and negative results are distinguishable at a glance. Simply count the number of positive wells and refer to the SimPlate® Conversion Table to arrive at the number of organisms present in the sample. With SimPlate® there is no confusion between a zero count and a TNTC as in other plate or film methods.

Less Interference: Unlike other methods, the SimPlate® device confines the sample to the isolation wells, minimizing the effects of swarming bacteria and spreading molds that can mask accurate counts. Accuracy is also enhanced by minimizing interference from food particulates or profuse gas production.

Single Plate Results: While other methods require duplicate plating of samples, SimPlate® has been validated to provide equivalent results with just a single plate.

Part Name	Part No. Unit Dose (100 Tests)	Part No. Multi Dose (500 Tests)
Coliform/ <i>E. coli</i>	66005-100	66005-500
Coliform/ <i>E. coli</i> CI	66008-100	66008-500
Yeast & Mold	66004-100	66004-500
Yeast & Mold CI	66007-100	66007-500
<i>Campylobacter</i> CI	66006-100	
<i>Enterobacteriaceae</i> CI	66009-100	66009-500
Total Plate Count	66003-100	66003-500
Total Plate Count CI	66002-100	66002-500

Part Name	Part No.	Quantity
SimPlate® Devices	65009-20	20 Plates



AOAC Official

Method: 2002.07,
2002.11, 2005.03

MicroVal Certification

(in accordance with ISO 16140)

Certificate No. 2009LR26
Certificate No. 2009LR25

Contact MilliporeSigma for full performance data or more information on applications.

To place an order or receive technical assistance in the U.S. and Canada, call toll-free 1-800-245-0113
For other countries across Europe and the world, please visit: sigmaldrich.com

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