

# 3M™ 3M™ Petrifilm™ Rapid *E. coli*/Coliform Count Plates

## Product Information

<b>MEDIUM:</b>	3M Petrifilm Rapid <i>E. coli</i> /Coliform Count Plates (6436/6437)																		
<b>ISO/BSI CERTIFICATE OF REGISTRATION NUMBER:</b>	Manufactured at Brookings, SD, USA (ISO 9001:2015, FM 14552)																		
<b>DATE OF EXPIRATION/ LOT NUMBER:</b>	Expiry and lot number indicated on each package. Lot number indicated on each plate.																		
<b>FORMULATION:</b>	Nutrients, cold-water soluble gel, an indicator of glucuronidase activity, 5-bromo-4-chloro-3-indolyl-D-glucuronide, and tetrazolium indicator																		
<b>METHOD OF PREPARATION:</b>	Nutrients and gels coated onto film. For use, hydrate with one mL aqueous sample or dilution of sample. See product instructions for detailed instructions.																		
<b>CONTAMINATION CHECK:</b>	96 randomized plates per batch tested Incubated at 35°C and 42°C for 24 and 48 hours Utilizes statistical sampling plan																		
<b>EFFICACY CHECK:</b>	Complement of organisms tested includes, among others: <table><thead><tr><th><u>Organism</u></th><th><u>Acceptable Batch</u></th></tr></thead><tbody><tr><td><i>Enterobacter amnigenus</i> ATCC 51816</td><td>Productivity Ratio<math>\geq</math>0.5, red w/ gas</td></tr><tr><td><i>Klebsiella oxytoca</i> ATCC 51817</td><td>Productivity Ratio<math>\geq</math>0.5, red w/ gas</td></tr><tr><td><i>Enterobacter amnigenus</i> ATCC 51818</td><td>Productivity Ratio<math>\geq</math>0.5, red w/ gas</td></tr><tr><td><i>Citrobacter freundii</i></td><td>Productivity Ratio<math>\geq</math>0.5, red w/ gas</td></tr><tr><td><i>Escherichia coli</i></td><td>Productivity Ratio<math>\geq</math>0.5, blue colonies</td></tr><tr><td><i>Enterococcus faecalis</i> ATCC 29212</td><td>Atypical or No Growth</td></tr><tr><td><i>Enterococcus faecalis</i> ATCC 19433</td><td>Atypical or No Growth</td></tr><tr><td><i>Salmonella enterica</i> subsp <i>enterica</i> Typhimurium ATCC 51812</td><td>Atypical or No Growth</td></tr></tbody></table>	<u>Organism</u>	<u>Acceptable Batch</u>	<i>Enterobacter amnigenus</i> ATCC 51816	Productivity Ratio $\geq$ 0.5, red w/ gas	<i>Klebsiella oxytoca</i> ATCC 51817	Productivity Ratio $\geq$ 0.5, red w/ gas	<i>Enterobacter amnigenus</i> ATCC 51818	Productivity Ratio $\geq$ 0.5, red w/ gas	<i>Citrobacter freundii</i>	Productivity Ratio $\geq$ 0.5, red w/ gas	<i>Escherichia coli</i>	Productivity Ratio $\geq$ 0.5, blue colonies	<i>Enterococcus faecalis</i> ATCC 29212	Atypical or No Growth	<i>Enterococcus faecalis</i> ATCC 19433	Atypical or No Growth	<i>Salmonella enterica</i> subsp <i>enterica</i> Typhimurium ATCC 51812	Atypical or No Growth
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<b>ISO 11133:</b>	Meets the applicable criteria for routine quality control and microbiological performance of ISO 11133. <table><thead><tr><th><u>Organism</u></th><th><u>Acceptable Batch</u></th></tr></thead><tbody><tr><td><i>Escherichia coli</i> ATCC 8739 (WDCM 00012)</td><td>Productivity Ratio<math>\geq</math>0.5, blue colonies</td></tr><tr><td><i>Escherichia coli</i> NCTC 13216 (WDCM 00202)</td><td>Productivity Ratio<math>\geq</math>0.5, blue colonies</td></tr><tr><td><i>Enterococcus faecalis</i> ATCC 29212 (WDCM 00087)</td><td>Atypical or No Growth</td></tr><tr><td><i>Pseudomonas aeruginosa</i> ATCC 27853 (WDCM 00025)</td><td>Atypical or No Growth</td></tr><tr><td><i>Citrobacter freundii</i> ATCC 43864 (WDCM 00006)</td><td>Atypical of <i>E. coli</i> or No Growth</td></tr></tbody></table>	<u>Organism</u>	<u>Acceptable Batch</u>	<i>Escherichia coli</i> ATCC 8739 (WDCM 00012)	Productivity Ratio $\geq$ 0.5, blue colonies	<i>Escherichia coli</i> NCTC 13216 (WDCM 00202)	Productivity Ratio $\geq$ 0.5, blue colonies	<i>Enterococcus faecalis</i> ATCC 29212 (WDCM 00087)	Atypical or No Growth	<i>Pseudomonas aeruginosa</i> ATCC 27853 (WDCM 00025)	Atypical or No Growth	<i>Citrobacter freundii</i> ATCC 43864 (WDCM 00006)	Atypical of <i>E. coli</i> or No Growth						
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<b>PACKAGING:</b>	Pack size: 25 plates per foil pouch Film grade: Plastic foil laminate Seal integrity check: Pressure Decay test performed																		
<b>MEASUREMENT SYSTEMS CALIBRATION AND TRACEABILITY:</b>	Incubator temperature 3M internal calibration Minimum calibration once per year for all equipment																		
<b>MEDIA QUALITY STATEMENT:</b>	Certificate of Analysis available on <a href="https://www.3m.com/foodsafety">3m.com/foodsafety</a>																		
<b>SHELF LIFE:</b>	18 months from date of manufacture																		
<b>STORAGE CONDITIONS:</b>	Store at temperatures between -20 to 8°C.																		