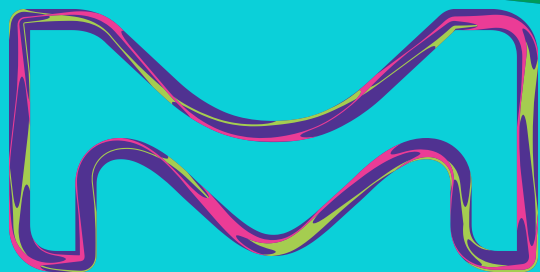




MÉTODOS RECuento
INDICADORES
MC MEDIA PAD



MERCK

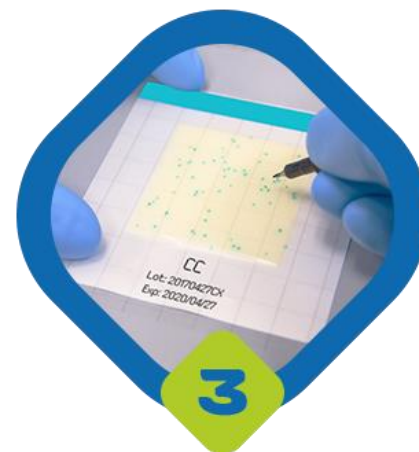
Método fácil y validado para las aplicaciones en recuento microbiano para laboratorios microbiológicos de alimentos.



1
OPEN



2
INOCULATE



3
COUNT



Abrir

Levantar la cubierta diagonalmente,



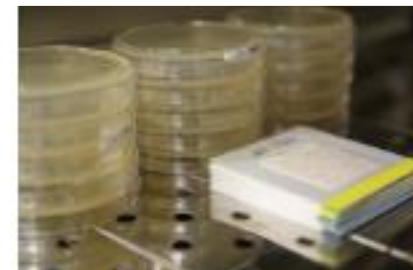
Inocular 1ml

Inocular la muestra en el centro la almohadilla, se difunde automáticamente



Cerrar

Cerrar la cubierta



Incubar

Incubar de acuerdo a las condiciones particulares de la aplicación



Contar

Contar



Coliformes
24hs - 35 °C



Conteo Total de Aerobios Mesófilos
24hs - 35 °C

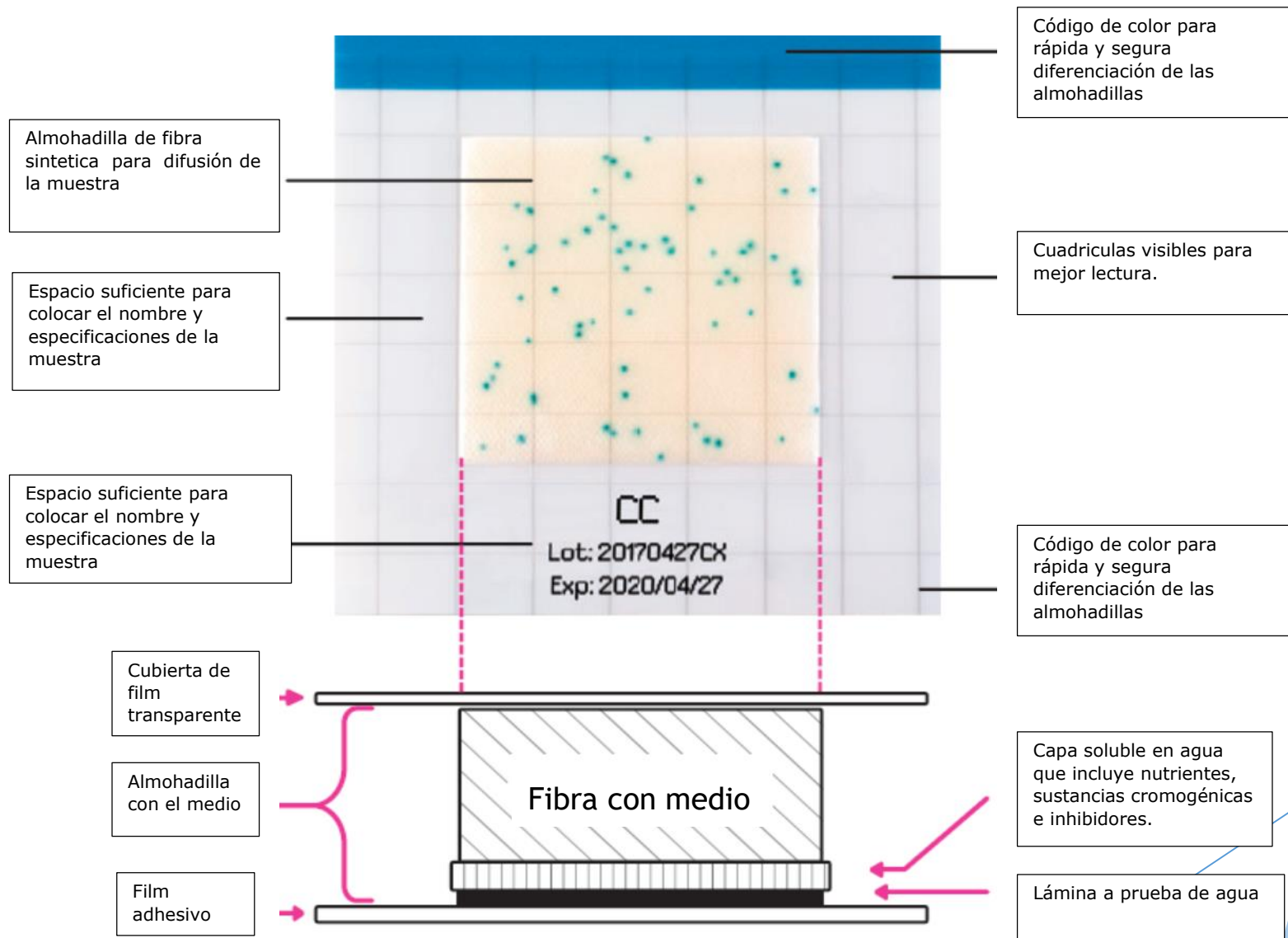


Coliformes Totales y E. coli
24hs - 35 °C



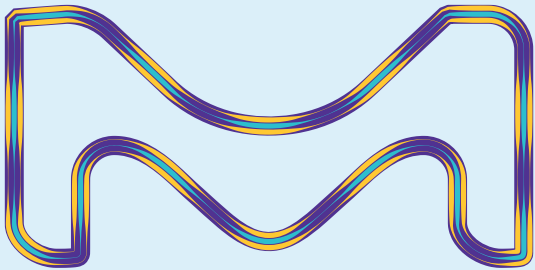
Mohos y Levaduras
48-72hs - 25 °C

Diseño innovador.



FUNDAMENTO DEL MÉTODO...

Las fibras de la almohada están impregnadas con nutrientes selectivos para crecimiento específico de los microorganismos que queremos cuantificar. Estos microorganismos tienen características para metabolizar los nutrientes indicadores y presentar colonias de colores características. Por ejemplo para Coliformes tenemos la presencia de un galactopiranosido que genera color azul en las colonias de coliformes.



Compliant to international standards & Quality controlled

	MicroVal (ISO 16140) 	AOAC-PTM 	AOAC-OMA 	QC strain selection according to ISO 11133*
MC-Media Pad				
Yeast & Mold	Yes	Yes	Approved	Yes
E.coli/coliform	2018	Yes	2018/2019	No
Coliform	2018	Yes	2018/2019	Yes
Rapid Aerobic Count	Yes	Yes	In preparation	Yes
Staphylococcus Aureus	Yes	Yes	TBD	Yes

* Strain selection for quality control performed according to ISO 11133. Tests description and results provided in the certificate of Quality



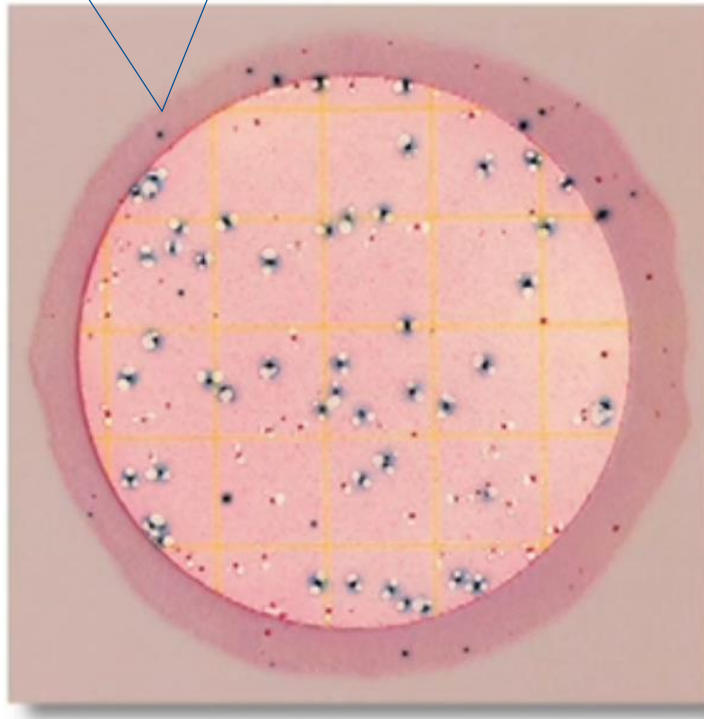
How to compete with 3M Petrifilm -

Summary

Product	Benefit
All	No spreader, no leakage, less handling
All	Tighter lid - still easy to open with one hand
All	Gridding and clear defined testing area
All	Clear color-coding and printing for easy differentiation
RAC	Fast TTR for traditional pricing
RAC	No gelling agent - no liquefaction!
EC/CC	Chromogenic approach - no gas formation
Y&M	Results in 48 hours - similar to 3M Rapid Y&M
(SA)	No expensive Petrifilm disk required for confirmation - less expensive coagulase test

Competitive Assessment– Benefits over 3M Petrifilm

Colonies outside of the area
not to be counted



No gas formation needed – easier read-out by using
2 different dyes







Competitive Assessment– Benefits over 3M Petrifilm

- Y&M at 48 hours (up to 72h)
 - Customers complain about Y&M Petrifilm performance and compatibility with e.g. salty matrices
-
- Rapid Aerobic Count in 24h but lower pricing than Petrifilm - 3M takes double price for rapid



Validaciones y Certificaciones Respecto a Métodos Normalizados las MC MEDIA PAD

Nombre	Descripción	Normas internacionales	Código de color	Cantidad
MC-Media Pad Recuento rápido de aerobios	Medios de cultivo para el recuento rápido de microorganismos aerobios	AOAC-PTM Microval CC según ISO 11133		100
MC-Media Pad Coliformes	Medios de cultivo para el recuento de bacterias coliformes	AOAC-PTM CC según ISO 11133		100
MC-Media Pad E. coli y coliformes	Medios de cultivo para el recuento simultáneo de <i>Escherichia coli</i> y bacterias coliformes	AOAC-PTM CC según ISO 11133		100
MC-Media Pad Levaduras y hongos	Medios de cultivo para el recuento de levaduras totales y de hongos	AOAC-PTM Microval CC según ISO 11133		100

ISO 16140 Validación de Microval.



CERTIFICATION

AOAC[®] Performance TestedSM

Certificate No.

070901

The AOAC Research Institute hereby certifies that the performance of the test kit known as:

MC-Media Pad *E. coli* & Coliform Sheet Medium

manufactured by
JNC Corporation
2-1, Otenachi 2-chome
Chiyoda-ku Tokyo 100-8105
Japan

This method has been evaluated in the AOAC[®] Performance Tested MethodsSM Program, and found to perform as stated by the manufacturer contingent to the comments contained in the manuscript. This certificate means that an AOAC[®] Certification Mark License Agreement has been executed which authorizes the manufacturer to display the AOAC Performance TestedSM certification mark along with the statement - "THIS METHOD'S PERFORMANCE WAS REVIEWED BY AOAC RESEARCH INSTITUTE AND WAS FOUND TO PERFORM TO THE MANUFACTURER'S SPECIFICATIONS" - on the above mentioned method for a period of one calendar year from the date of this certificate (June 23, 2017 - December 31, 2017). Renewal may be granted at the end of one year under the rules stated in the licensing agreement.

Deborah McKenzie

Deborah McKenzie, Senior Director
Signature for AOAC Research Institute

June 23, 2017

Date

2275 Research Blvd., Ste. 300, Rockville, Maryland, USA Telephone: +1-301-924-7077 Fax: +1-301-924-7089
Internet e-mail: aoacri@aoac.org World Wide Web Site: <http://www.aoac.org>



CERTIFICATE OF COMPLIANCE LLOYD'S REGISTER QUALITY ASSURANCE

hereby declares that the certification assessment has demonstrated that

MC-Media Pad™ ACplus

Manufactured and supplied by:
JNC Corporation
2-2-1 Otemachi
Chiyoda-ku
Tokyo
Japan, 100-8105

Production site:
JNC Corporation
Yokohama Research Center
5-1, Ookawa
Kanazawa-ku
Yokohama
Japan, 236-8605

has been validated and revealed to be at least equivalent to the reference method as demonstrated by the validation study report. The summary of the validation report is available on the MicroVal website: www.microval.org

Reference method: ISO 4833-1:2013 Microbiology of the food chain —
Horizontal method for the enumeration of microorganisms Part 1: Colony count at 30
degrees C by the pour plate technique

Scope: A broad range of foods

The validation and certification has been performed in accordance with EN ISO 16140-2: 2016 and the MicroVal Rules and Certification Scheme version 8.

This certificate is valid only in association with the certificate schedule bearing the same number on which the distributor applicable to this approval is listed.

Certificate no.: 2015LR52

First approval date: 29 January 2018
Expiry date: 28 January 2022

Especificaciones del producto

Embalaje:

100 almohadillas de medios / caja
(4 bolsas de aluminio con 25 pastillas de m
cada una)

Almacenamiento

2-15°C

Vida de anaquel

E.coli / Coliform, Coliform :	36 meses
Rapid Aerobic Count: at least	18 meses
Yeast and Mold:	24 meses
Staph.Aureus:	12 meses

Periodo de validez de las bolsas abiertas: 4 semanas



Los colores identifican fácilmente el tipo de análisis.



Automatic Dilutor DiluCult & DiluCult 2



JumboKit – for 3500 ml bags

- Low profile, can be put into a safety cabinet
- Easy-to-use and to clean
- Light code
- Different sample weight: up to 5kg for DiluCult 2
- Adjustable parameters : pump selection, dilution factor, distribution mode, speed
- Can prepare 2 different bottles and have them on each side
- Traceability



Enrichment Sample Homogenizer (ESH)

Su complement Perfecto

- ISO 8199 dicta
- “La **distribución aleatoria de los microorganismos** en una muestra **causa imprecisión** en los resultados” Debe homogenizar adecuadamente
- **Merck le da el complemento perfecto**

400 cm³
Capa Max.



Ajuste de Intensidad

Boton de cierre

Ventana inquebrantable

Homogenizador de Pedal

Preguntas?

