LOTUS ANALİTİK

KIKKOMAN BIOCHEMIFA COMPANY

Easy Plate™ Prepared Media

E-Catalogue · Specifications, correlation data and colony images



AC | CC | EC | YM-R | SA | EB | AC-R

OVERVIEW

Easy Plate™

Ready-to-use microbiological culture media that need no preparation or sterilisation.

Easy Plate	Target microorganism	Incubation Temperature	Incubation time	Storage (Unopened)	Shelf Life	Certifications	Packing
AC	Aerobic bacteria	35 ± 1 °C	48 ± 2 hours	2–8 °C	18 months from the date of manufacture	AOAC RI PTM Certified · MicroVal Certified / Nordval Certified	100 tests (25 tests × 4 bags)
CC	Coliform	35 ± 1 °C	24 ± 1 hours	2–8 °C	18 months from the date of manufacture	AOAC RI PTM Certified · MicroVal Certified / Nordval Certified	100 tests (25 tests × 4 bags)
EC	E. Coli / Coliform	35 ± 1 °C	24 ± 1 hours	2–8 °C	18 months from the date of manufacture	AOAC RI PTM Certified · MicroVal Certified / Nordval Certified	100 tests (25 tests × 4 bags)
YM-R	Yeasts and moulds	25 ± 1 °C	48–72 hours	2–8 °C	18 months from the date of manufacture	AOAC RI PTM Certified · MicroVal Certified / Nordval Certified	100 tests (25 tests × 4 bags)
SA	Staphylococcus aureus	35 ± 1 °C 37 ± 1 °C	24 ± 1 hours	2–8 °C	12 months from the date of manufacture	AOAC RI PTM Certified · MicroVal Certified / Nordval Certified	100 tests (25 tests × 4 bags)
EB	Enterobacteriaceae	35 ± 1 °C 37 ± 1 °C	24 ± 1 hours	2–8 °C	18 months from the date of manufacture	AOAC RI PTM Certified	100 tests (25 tests × 4 bags)
AC-R	Aerobic bacteria	35 ± 1 °C	24 ± 1 hours	2–8 °C	12 months from the date of manufacture*	AOAC RI PTM Certified	100 tests (25 tests × 4 bags)

* AC-R: lots manufactured on or after 18 June 2026 have a shelf life of 18 months.

Easy to Use

- Ready to use
- No special apparatus required
- Spreads easily

Superior Performance

- High correlation with the conventional method
- Brightly coloured colonies that are easy to distinguish

Space Saving

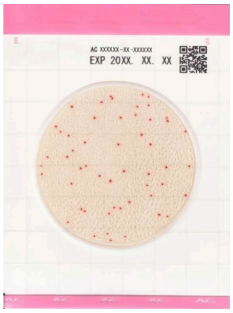
- Takes only 5% of the space needed for conventional Petri dishes
- Needs minimal space for storage and incubation
- Saves space and energy

AC

EASY PLATE™ · KIKKOMAN BIOCHEMIFA COMPANY

Easy Plate AC

Aerobic bacteria

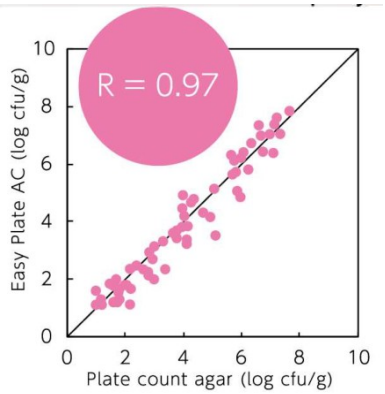


After incubation



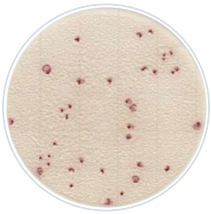
Before use

Incubation Temperature **35 ± 1 °C**	Incubation time **48 ± 2 hours**
Storage (Unopened) **2–8 °C**	Shelf Life **18 months from the date of manufacture**
Certifications **AOAC RI PTM Certified · MicroVal Certified / Nordval Certified**	Packing **100 tests (25 tests × 4 bags)**

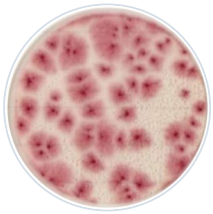


Correlation R = 0.97 · Plate count agar

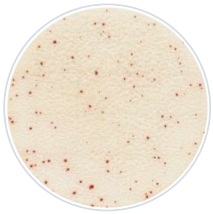
Strains



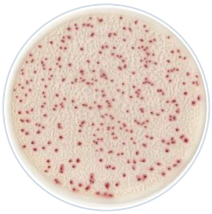
Escherichia coli
(NBRC 15034)



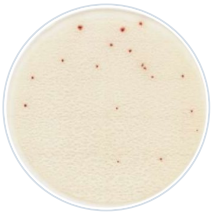
Proteus mirabilis
(NBRC 105697)



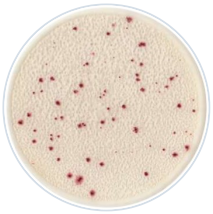
Staphylococcus aureus
(ATCC 25923)



Bacillus subtilis
(NBRC 3134)



Bacillus cereus
(NBRC 15305)



Bacillus licheniformis
(NBRC 12200)

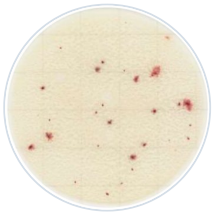
Food samples



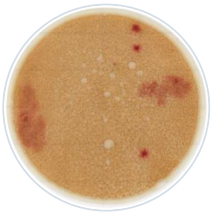
Raw salmon



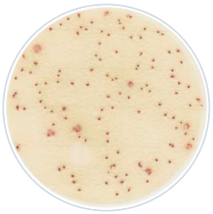
Raw ground chicken



Raw bean sprouts

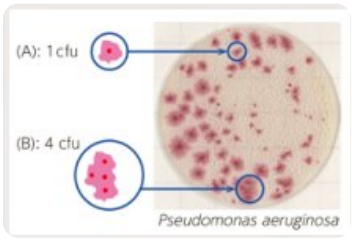


Chocolate



Ice cream + E. coli

Reference



(A): 1 cfu · (B): 4 cfu — Pseudomonas aeruginosa



Plate count agar

CC

EASY PLATE™ · KIKKOMAN BIOCHEMIFA COMPANY

Easy Plate CC

Coliform

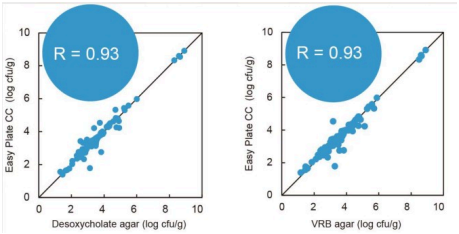


After incubation



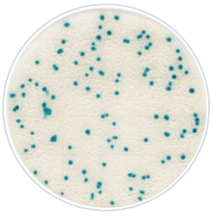
Before use

Incubation Temperature **35 ± 1 °C**	Incubation time **24 ± 1 hours**
Storage (Unopened) **2–8 °C**	Shelf Life **18 months from the date of manufacture**
Certifications **AOAC RI PTM Certified · MicroVal Certified / Nordval Certified**	Packing **100 tests (25 tests × 4 bags)**

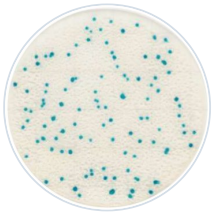


Correlation R = 0.93 · Desoxycholate agar | R = 0.93 · VRB agar

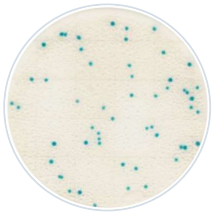
Strains



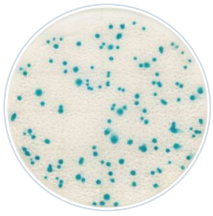
Escherichia coli
(NBRC 15034)



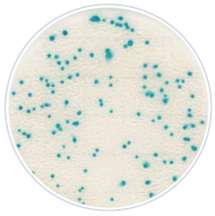
Citrobacter freundii
(NBRC 12681)



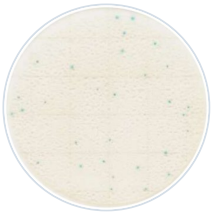
Klebsiella pneumoniae
(NBRC 14940)



Enterobacter aerogenes
(NBRC 13534)

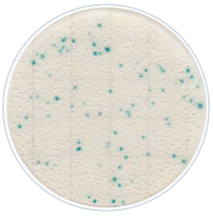


Enterobacter cloacae
(NBRC 13536)

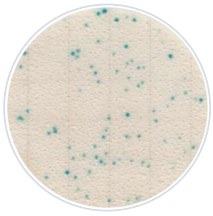


Escherichia fergusonii
(NBRC 102419)

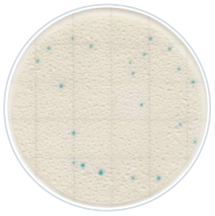
Food samples



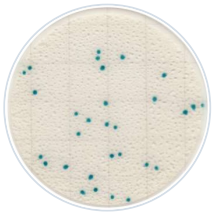
Raw ground chicken



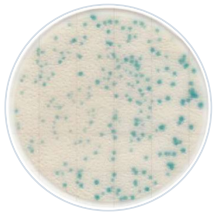
Raw ground pork



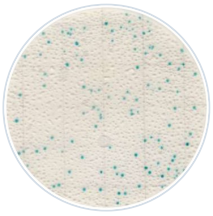
Raw tuna



Cookie + E. coli



Pasteurized milk + K. pneumoniae



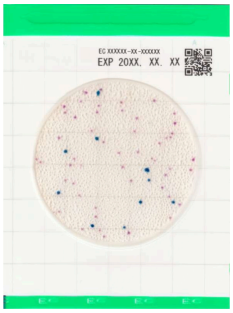
Radish sprouts

EC

EASY PLATE™ · KIKKOMAN BIOCHEMIFA COMPANY

Easy Plate EC

E. Coli / Coliform

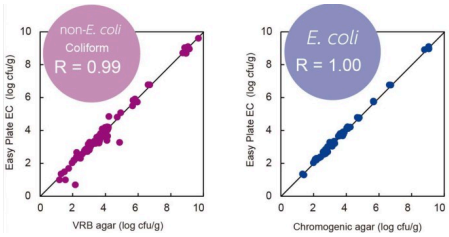


After incubation



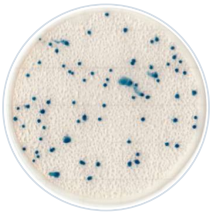
Before use

Incubation Temperature **35 ± 1 °C**	Incubation time **24 ± 1 hours**
Storage (Unopened) **2–8 °C**	Shelf Life **18 months from the date of manufacture**
Certifications **AOAC RI PTM Certified · MicroVal Certified / Nordval Certified**	Packing **100 tests (25 tests × 4 bags)**

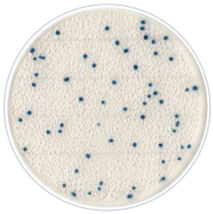


Correlation R = 0.99 · VRB agar (non-E. coli coliform) | R = 1.00 · Chromogenic agar (E. coli)

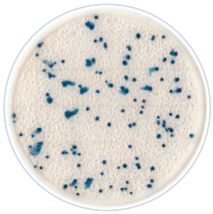
Strains



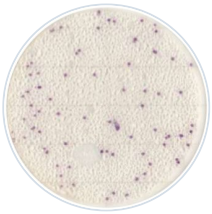
Escherichia coli (NBRC 15034)



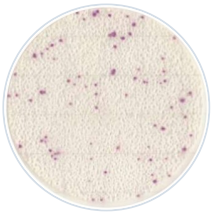
Escherichia coli (NBRC 13500)



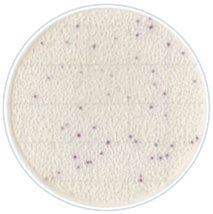
Escherichia coli (NBRC 102203)



Klebsiella pneumoniae (ATCC 13883)

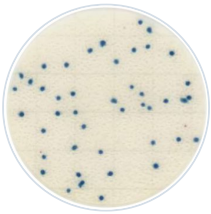


Citrobacter freundii (NBRC 12681)

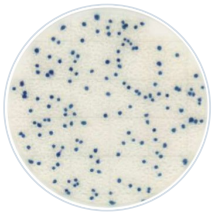


Enterobacter cloacae (ATCC 222)

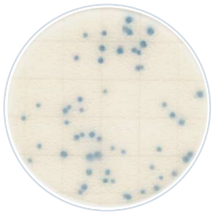
Food samples



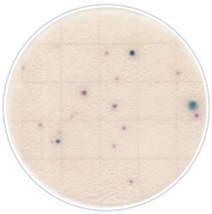
Roast beef + E. coli



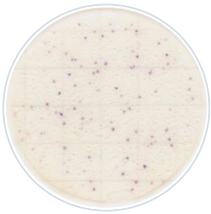
Omelette + E. coli



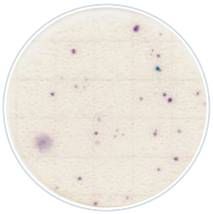
Ice cream + E. coli



Raw ground chicken



Raw salmon



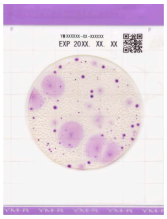
Raw shrimp

YM-R

EASY PLATE™ · KIKKOMAN BIOCHEMIFA COMPANY

Easy Plate YM-R

Yeasts and moulds



After incubation



Before use

Incubation Temperature
25 ± 1 °C

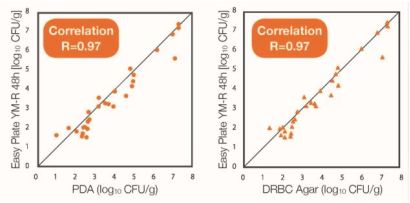
Incubation time
48–72 hours

Storage (Unopened)
2–8 °C

Shelf Life
18 months from the date of manufacture

Certifications
AOAC RI PTM Certified · MicroVal Certified / Nordval Certified

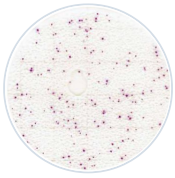
Packing
100 tests (25 tests × 4 bags)



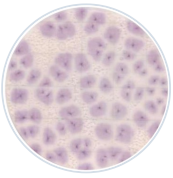
Correlation R = 0.97 · PDA | R = 0.97 · DRBC Agar

*Data is provided by Center for Fungal Consultation, incorporated nonprofit organization

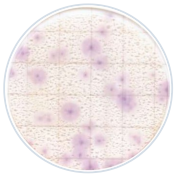
Strains



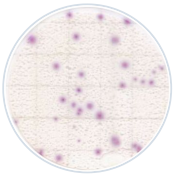
Zygosaccharomyces rouxii



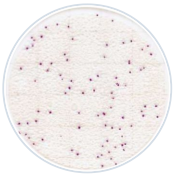
Geotrichum candidum



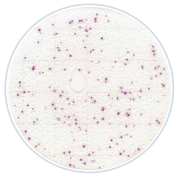
Aspergillus flavus



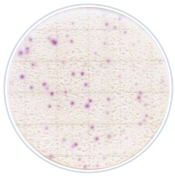
Aureobasidium pullulans



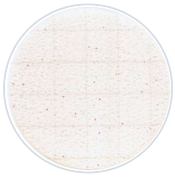
Saccharomyces cerevisiae



Zygosaccharomyces rouxii

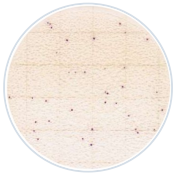


Penicillium glabrum

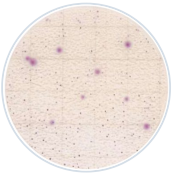


Candida parapsilosis

Food samples



Dressing + Wickerhamomyces anomalus



Ham



Sandwich



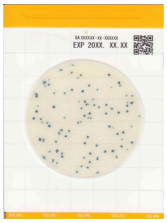
PDA Medium · 120 hours incubation

SA

EASY PLATE™ · KIKKOMAN BIOCHEMIFA COMPANY

Easy Plate SA

Staphylococcus aureus



After incubation



Before use

Incubation Temperature
35 ± 1 °C / 37 ± 1 °C

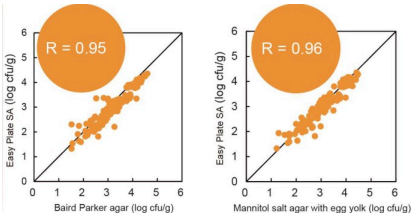
Incubation time
24 ± 1 hours

Storage (Unopened)
2–8 °C

Shelf Life
12 months from the date of manufacture

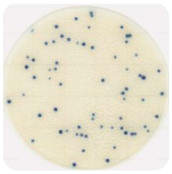
Certifications
AOAC RI PTM Certified · MicroVal Certified / Nordval Certified

Packing
100 tests (25 tests × 4 bags)

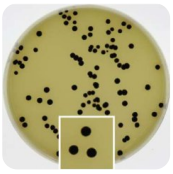


Correlation R = 0.95 · Baird Parker agar | R = 0.96 · Mannitol salt agar with egg yolk

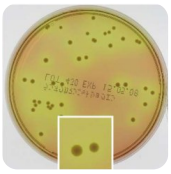
Comparison



Easy Plate™ SA
Positive



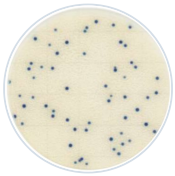
BP agar
Egg-yolk reaction negative



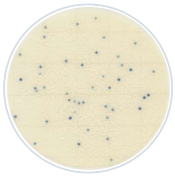
MSEY agar
Egg-yolk reaction negative

※ These pictures show S. aureus ATCC13565

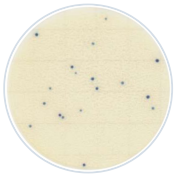
Strains



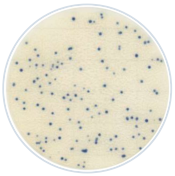
Staphylococcus aureus
(ATCC 25923)



Staphylococcus aureus
(NBRC 13276)

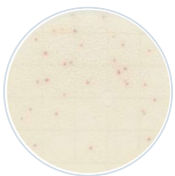


Staphylococcus aureus
(NBRC 100910)

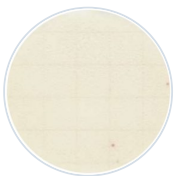


Staphylococcus aureus
(D0152)

Non-target strains



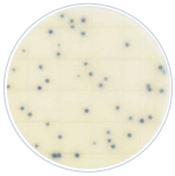
Bacillus licheniformis
(NBRC 12200)



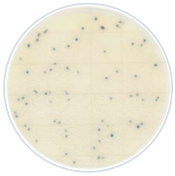
Bacillus cereus
(D0068)

Bacillus cereus
(NBRC 13494)

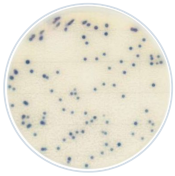
Food samples



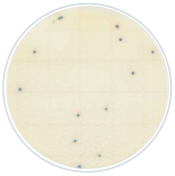
Pasteurized milk + S. aureus



Cream puff + S. aureus



Cooked ham + S. aureus



Egg sandwich + S. aureus

EASY PLATE™ · KIKKOMAN BIOCHEMIFA COMPANY

Easy Plate EB

Enterobacteriaceae

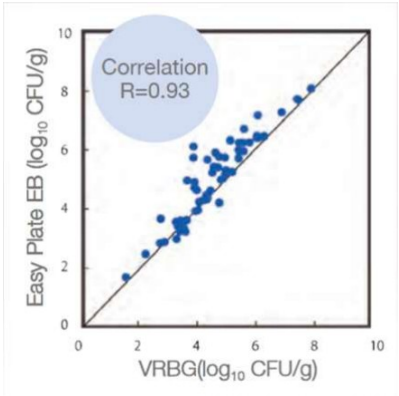


After incubation



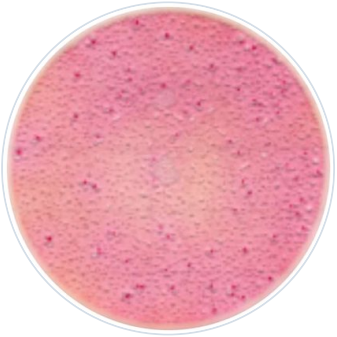
Before use

Incubation Temperature **35 ± 1 °C / 37 ± 1 °C**	Incubation time **24 ± 1 hours**
Storage (Unopened) **2–8 °C**	Shelf Life **18 months from the date of manufacture**
Certifications **AOAC RI PTM Certified**	Packing **100 tests (25 tests × 4 bags)**



Correlation R = 0.93 · VRBG

Strains

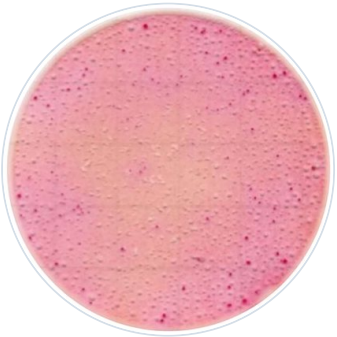


Klebsiella pneumoniae
(NBRC 14940)



Escherichia coli
(NBRC 15034)

Food samples



Frozen pork



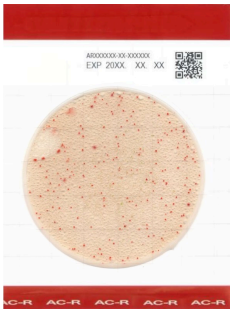
Beef brisket skirt

AC-R

EASY PLATE™ · KIKKOMAN BIOCHEMIFA COMPANY

Easy Plate AC-R

Aerobic bacteria

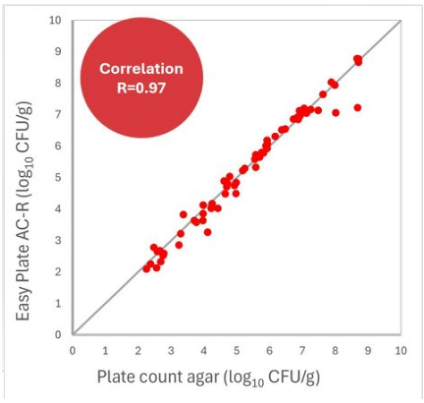


After incubation



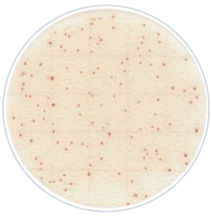
Before use

Incubation Temperature **35 ± 1 °C**	Incubation time **24 ± 1 hours**
Storage (Unopened) **2–8 °C**	Shelf Life **12 months from the date of manufacture*** * AC-R: lots manufactured on or after 18 June 2026 have a shelf life of 18 months.
Certifications **AOAC RI PTM Certified**	Packing **100 tests (25 tests × 4 bags)**

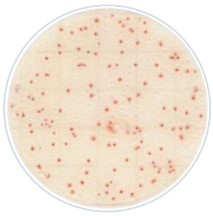


Correlation R = 0.97 · Plate count agar

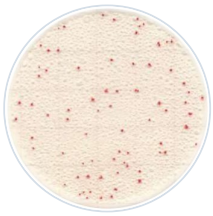
Strains



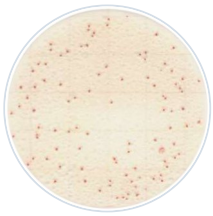
Bacillus subtilis
(NBRC 3134)



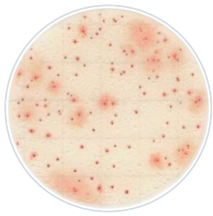
Bacillus amyloliquefaciens
(D0021)



Escherichia coli
(NBRC 15034)



Klebsiella pneumoniae
(NBRC 14940)

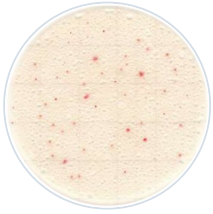


Proteus mirabilis
(NBRC 105697)

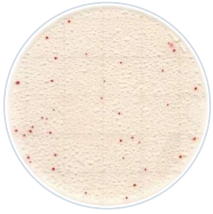
Food samples



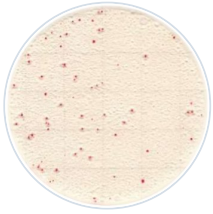
Sprouts



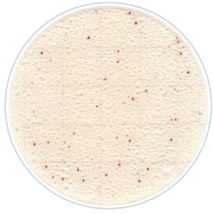
Milkshake



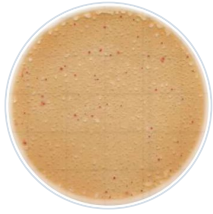
Cinnamon



Stuffed peppers



Salmon



Green tea

Reference



Plate count agar

LOTUS ANALİTİK

Request a quote for Easy Plate.

Since 2019 we have been supplying the products and services that best fit our customers' conditions, with a solution-oriented approach.

Company	Lotus Analitik Endüstriyel Sistemler ve Danışmanlık Ltd. Şti.
Address	Küçükbakkalköy Mah. Derebey Sokak, Dumankaya Flex Residence No:13 Kat:15 D:89, 34750 Ataşehir/İstanbul, Türkiye
Phone	+90 532 280 84 84
Web	www.lotusanalitik.com.tr

AC | CC | EC | YM-R | SA | EB | AC-R

Source: Kikkoman Biochemifa Company · Easy Plate™ product catalogue.