

## Minca Agar, modified

TN 1040 500 g



### Intended use

Minca Agar, modified encourage the development of fimbrial antigen (F 5 (K99)) in enteropathogenic *Escherichia coli*.

### Form

Powder

### Colour

Bright beige

### Storage

Dry, tightly closed, at 10...25 °C.

### Shelf life

3 years

### Typical composition

Component	g/l
Potassium dihydrogen phosphate	1.36
Disodium hydrogen phosphate	8.05
Casamino Acids	1,0
Magnesium sulphate anhydrous	0.00489
Manganese(II) chloride	0.00064
Ferric(III) chloride	0.00008
Calcium chloride	0.0003
Glucose	1.0
Agar	15.0
Total	26.41591

### Directions

Suspend 2.64 g in 100 ml distilled water and heat until completely dissolved. Autoclave for 10 minutes at 110 °C and cool down to 45 °C - 50 °C. Add Minca Supplement (REF TN 1334) according to directions. Mix well and pour plates.

### Final pH at 25 °C

7.4 ± 0.2

### Microbiological quality control

Incubate Minca Agar, modified in conjunction with Minca Supplement (REF TN 1334) aerobically for 18-24 hours at 36 ± 1 °C.

Test strain	Growth	Agglutination with serum F 5 (K99)
<i>Escherichia coli</i> C 101/16 F5	good	positive
<i>Escherichia coli</i> C 101/23 F5	good	positive
<i>Escherichia coli</i> C 101/39 F5	good	positive
<i>Escherichia coli</i> C 101/46 F5	good	positive
<i>Escherichia coli</i> C 9/03 F5	good	positive

Date of revision: 2014/03/20

Manufacturer: sifin diagnostics gmbh | Berliner Allee 317-321 | 13088 Berlin | Germany | T: +49 30 927 030-0 | F: +49 30 927 030-30 | info@sifin.de | www.sifin.de