

Minca Supplement

TN 1334 12 x 1 vials 1 vial for 0.1 l culture medium



Intended use

Minca Supplement encourage the development of fimbrial antigen (F 5 (K99)) in enteropathogenic *Escherichia coli* in combination with Minca Agar, modified [REF] TN 1722 and TN 1040.

Form

Lyophilised

Colour

White

Storage

Protected from light, at 2...8 °C.

Shelf life

4 years

Directions

1. Liquify Minca Agar, modified [REF] TN 1722 (100 ml) by heating for 40 min at 100 °C.

2. Prepare Minca Agar, modified [REF] TN 1040 according to directions.
3. Dissolve 1 vial Minca Supplement in 2 ml distilled water and add mixture aseptically to 100 ml sterile culture medium when it has cooled down to 45-50 °C.
4. Mix well and pour plates.

Storage: When the Minca Agar has solidified, store the poured plates at 2 to 8 °C. Under this specified conditions the plates can be used max. 14 d.

Typical composition

Component

L-Cysteine hydrochloride	26 mg
L-Glutamine	10 mg
Nicotinamide adenine dinucleotide (NAD)	0.3 mg
Thiamine hydrochloride	0.1 mg
Coccarboxylase	0.1 mg
Iron (III) nitrat	0.04 mg

Microbiological quality control

Incubate Minca Supplement in combination with Minca Agar, mod. (REF TN 1040) aerobically 18-24 h at 36 ± 1 °C.

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