

1.00051.0010

Microbiology

CAYE Broth Supplement

Content: 10 vials supplement (lyophilisate)

Purpose

Additive for the preparation of CAYE broth or modified Brain Heart Agar for the detection of verotoxins from pathogenic E.coli.

Mode of Action

CAYE Broth Supplement enhances the production and release of verotoxins in pathogenic E.coli during growth.

Composition (per vial)

Verotoxine Inductor 10 µg

Preparation

The content is dissolved in the original vial by adding 1 ml of sterile deionized or distilled water.

The content of 1 vial supplement is added to 200 ml of CAYE broth or to 100 ml of Brain Heart Agar after it has cooled down to about 45 °C.

Application

Broth method

Pick up 1–5 typical colonies from the isolation medium and inoculate a tube with 1 ml of the prepared CAYE broth with supplement.

Incubation: 6 hours at 37 °C without stirring.

Agar plate method

Streak one colony onto the surface of a plate containing Brain Heart Agar with supplement.

Incubation: 18–24 hours at 37 °C aerobe.

Ordering information

Cat No.		Package size
1.00060.0100	CAYE broth mod. acc. to EVANS	100 g
1.13825.0500	Brain Heart Agar	500 g

Status: 2009-10-19

Merck KGaA, 64271 Darmstadt, Germany,
Tel. +49 (0)61 51 72-24 40, www.merck.de

