



Thiosulfate Citrate Bile Salts Sucrose Agar(TCBS)

Product Number: TCBS01

Product details

Formula of culture medium (per liter); pH8.6 ± 0.2(25°C)

Component	Weight
Yeast extract powder	20.0g
Sucrose	20.0g
Agar	15.0g
NaCl	10.0g
Sodium citrate	10.0g
Na ₂ S ₂ O ₃	10.0g
Pancreatic digest of casein	5.0g
Peptic digest of animal tissue	5.0g
Oxgall	5.0g
Sodium cholate	3.0g
Ferric citrate	1.0g
Thymol Blue	0.04g
Bromthymol Blue	0.04g

Instructions

Weigh 89.0g of dry powder of TCBS agar medium, add 1L of distilled water or deionized water, stir and heat until completely dissolved, do not sterilize under high pressure, wait to cool to 50°C, pour onto a plate, and set aside after solidification.

Application

Selective isolation and cultivation of pathogenic *Vibrio* in the intestine, especially *Vibrio cholerae* and *Vibrio parahaemolyticus*.