

T1N1 Agar

Product No.	Product Category	Specification
HCM062	Dehydrated Culture Medium	500g/bottle

Intended Use

For the cultivation of *Vibrio cholerae* and other *Vibrio* species.

Principle and Interpretation

Tryptone serves as the primary source of carbon and nitrogen, sodium chloride at elevated concentrations selectively suppresses non-halotolerant microorganisms, and agar provides structural support by solidifying the medium.

Formulation

Ingredients	/liter
Tryptone	10.0g
Sodium chloride	10.0g
Agar	15.0g
pH7.2±0.2 at 25°C	

Preparation

Weigh 35.0 g of this product, add 1 L of distilled water or deionized water, stir and heat to boil until completely dissolved. Then cool it to around 50 °C, pour it into plates, and set aside for use after solidification.

Quality Control

Cultural characteristics observed after incubation at 35-37°C for 12-18 hours

Quality control strains	Approx. Inoculum(CFU)	Recovery	Characteristics
<i>Vibrio cholerae</i> VBO	10 – 100	PR≥0.5	Grayish-white colonies
<i>Vibrio parahaemolyticus</i> ATCC17802	10 – 100	PR≥0.5	Grayish-white colonies

Storage and Shelf Life

2-30°C, keep container tightly closed, avoid direct sunlight.

Use before expiry date on the label.

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Technical Data Sheet



Precautions

1. When weighing the dehydrated medium, please wear masks to avoid causing respiratory system discomfort
2. Keep container tightly closed after using to prevent clumping.

Waste Disposal

Microbiological contamination was disposed by autoclaving at 121°C for 30 minutes.

Revision

On June 14, 2024

References

SN/T 1022-2001 Method for the determination of *vibrio cholerae* in food for export

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