

S.aureus Rapid Identification Agar

Product No. ESM010A

Intended Use

Used for the solution, identification and counting of *Staphylococcus aureus*.

Specification 42.25 g (500mL)

pH 6.9 ± 0.2 (25°C)

Additional Reagents

No

Directions

Suspend 8.45 g of the powder in 100 mL of distilled water. Heat with frequent agitation and boil to dissolve completely. Do not autoclave. Cool to approximately 50 °C and pour into plates.

Precautions

No

Procedure

Sample preparation to be tested as instructed in the standard reference (GB, SN, ISO, FDA, etc.), During the quantitative testing, select 2 to 3 suitable dilution inoculate 0.1mL onto the medium for two plates of each dilution. During the qualitative test, then pick the enrichment liquid and inoculate it on the prepared medium plate. Incubate plates at 36±1°C in an aerobic atmosphere for 18-24 hours ,observe the results.

Cultural Response

Microorganisms	Colony color
<i>Staphylococcus aureus</i>	Purple-red, red or pink colonies, when hydrochloric acid is added to produce a transparent ring around the colony
Others	Blue ,Colorless ,Pale yellow colonies or non-growing



Storage Conditions

Keep container tightly closed and store in a cool dry place below 30°C.
The plates should be stored in the refrigerator at 2-8°C for one week in the dark.

Shelf Life

2 years.

Related Products

Product No.	Product Name	Specification
PBE010	S.aureus Rapid Identification Aga Plates	20 Plates

For laboratory use in industry or R&D purpose. Not for drug, household or other uses.