



**Guangdong Huankai Microbial Sci. & Tech.Co.,Ltd.**

**广东环凯微生物科技有限公司**

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CRM012 Staphylococcus Aureus Chromogenic Medium

(Chromogenic Staph. Aureus Agar)

Usages:

For isolation and identification of Staphylococcus aureus.

Principle:

Peptone, soy peptone and yeast extract powder provides carbon and nitrogen sources and trace elements; sodium chloride to maintain osmotic equilibrium; agar as medium coagulant; chromogenic reagent and Staphylococcus aureus enzyme specific reaction, hydrolysis substrates, releasing the color groups in the colorless transparent plate, Staphylococcus aureus pink - purple edges neat colonies; bacteriostatic agents inhibit the growth of bacteria.

Formulation(per liter):

Peptone 14.0g

Yeast extract powder 5.0g

Sodium chloride 25.0g

Soybean peptone 5.0g

Distilled water 1000mL

Agar 15.0g

Antibacterial agent 2.0g

Color agent 1.4g

Final pH  $6.9 \pm 0.2$

How to use:

1.Suspend 67.4g in 1L of distilled or deionized water. Heat with frequently agitation and boil to completely dissolve. Cool to 50 °C pour into sterile petri dishes.

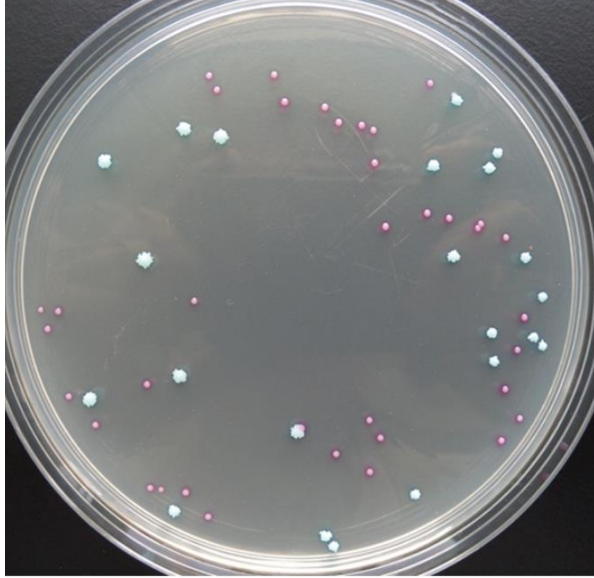
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**Staphylococcus Aureus: pink- purple red colonies**

**Others : different color colonies or inhibited**

Storage: Keep container tightly closed, store in a cool, dry place, away from bright light.

Specifications: 67.4g (Configurable 1L of Medium .)