

Product Name : KING A Agar Base

A differential medium for the detection and differentiation of *Pseudomonas aeruginosa* on the basis of pigment production.

TYPICAL FORMULA (G/L)

Peptones 19.6
Magnesium Chloride 1.4
Potassium Sulphate 10.0
Agar 13.0
Final pH = 7.1 ± 0.2 at 25°C

DIRECTIONS

Suspend 44.0 G in 1 L of distilled water. Add 10 mL of Glycerol supplement (MB-G1821) and boil to dissolve the medium completely. Dispense into test tubes. Sterilize by autoclaving at 121 °C for 15 minutes. Allow to cool in slanted position.

DESCRIPTION

KING A Agar Base is used for the detection and differentiation of *Pseudomonas aeruginosa* on the basis of pigment production. KING A agar enhances the production of piocyanin and inhibits the formation of fluorescein.

QUALITY CONTROL

Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: beige.

Prepared medium

Appearance: opaque.

Color: amber.

Incubation conditions: 36±1°C / 48 hours

Microorganism	ATCC	Growth
<i>Pseudomonas aeruginosa</i>	27853	good

STORAGE

Store the dehydrated medium tightly closed in a dry place at room temperature and use before the expiry date on the label. Store the prepared medium protected from light at room temperature.

REFERENCES

1. King at al (1954) J. Lab. and Clin. Med. 44: 301. United States Pharmacopoeia XXVIII. (2005)

PACKAGING

Cat. No : MB-K2180 KING A Agar Base	500 G
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