

TECHNICAL SHEET

BA099

GABY-HADLEY REAGENT A

Formula

Reagent:

Alpha-Naphthol	1.00 g
Ethanol (95%)	100.00 ml

Use: The reagent is used for detection of oxidase activity of bacterial culture along with Oxidase Reagent B

Appearance: Blackish purple coloured solution

Directions:

1. Grow test culture on nutrient agar slant (B550) at 35-37°C for 18-24 hours.
2. Add 2-3 loops of reagents A and B to slant. Tilt tube to permit reagents to mix and flow over growth.
3. Observe for color change – dark purple blue color on growth, especially at the border of the colonies, within 2 minutes.
4. Use a positive and negative control.

Precautions :

1. For Laboratory Use.
2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.
3. 1-Naphthol is carcinogenic. Handle carefully.

Quality Control:

Microbiological testing

MICROORGANISM (ATCC)	Oxidase test
Pseudomonas aeruginosa (27853)	Positive reaction (Deep purple blue)
S. aureus (25923)	Negative reaction (light blue purple)

Storage: 2-8°C

Packing: 100 ml bottle

Disclaimer:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARKLABORATORIES publications.

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