

BA101 GORDEN-McLEOD REAGENT (OXIDASE REAGENT)

Formula

Reagents:

N, N-Dimethyl p-phenylene diamine hydrochloride 1.50 g
 Distilled water 100.00 ml

Directions:

1. Place 2-3 drops of reagent on to a filter paper in a petri dish.
2. With a platinum wire loop (not nichrome), plastic loop or glass rod, smear some of the colonies from Soyabean casein digest agar (B039) on the prepared filter paper.
3. Observe for appearance of deep blue - purple color within 10 seconds.

Quality Control:

Appearance: Black colored clear solution

Microbiological testing:

MICROORGANISM (ATCC)	OXIDASE TEST
Neisseria gonorrhoeae (19424)	Positive (development of purple-blue colour)
Pseudomonas aeruginosa (27853)	Positive (development of purple-blue colour)
Staphylococcus aureus (25923)	Negative (No colour change)

Storage: Between 10°C - 30 °C.

Packing: 100 ml bottle

Warning & Precautions :

In Vitro diagnostic Use only. For professional use only. For Laboratory Use. Read the label before opening the container. Wear protective gloves/protective clothing/ eye protection/ face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling clinical specimens. Safety guidelines may be referred in individual safety data sheets. *Hazardous chemical.Handle carefully.

Use: Oxidase reagent is used to carry out the oxidase test, to determine the presence of oxidase enzymes

Disposal:

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques.

Disclaimer:

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