

BA104 O'MEARA REAGENT

Formula

Reagents:

Creatine	0.30 g
*Potassium hydroxide	40.00 g
Distilled water	100.00 ml

*Corrosive chemical.Handle carefully.

Directions:

- 1.Inoculate isolated test culture in MR-VP Medium (B543) and incubate at appropriate temperature for 24-48 hours.
- 2.Add 0.2 ml (2 drops) of Reagent A and 0.2 ml (2 drops) of O'Meara Reagent (BA104) for 10 ml medium.
- 3.Shake tubes gently for 30 seconds to 1 minute to expose the medium to atmospheric oxygen in order to oxidize the acetoin (acetylmethylcarbinol) so as to obtain a Colour reaction.
- 4.Allow tube to stand at least 10 to 15 minutes

Quality Control:

Appearance: Colourless Clear solution without any precipitate.

Note: On storage of the reagent, precipitate may develop. This will not affect the performance criteria of the reagent.

Microbiological testing

MICROORGANISM (ATCC)	GROWTH	VP TEST
Escherichia coli (25922)	Luxuriant	Negative(No red colour formation)
Enterobacter aerogenes (13048)	Luxuriant	Positive(Red colour formation)
Klebsiella pneumoniae (13883)	Luxuriant	Positive(Red colour formation)

Storage: Below 30 °C.

Packing: 100 ml bottle

Warnig & precaution:

In Vitro diagnostic 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.

Use: The reagent is used in Voges-Proskauer test for the detection of acetoin production by bacterial culture.

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:

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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