

BA070

NESSLER'S REAGENT

Formula

Reagents:

Potassium iodide	50.00 g
Distilled water	50.00 ml

Saturate with mercuric chloride solution until permanent precipitate just appears. Add 200 ml of NaOH of 5M/liter. Make up volume to 1 liter with distilled water. Use clear supernatant as Nessler's reagent.

Directions:

1. Add 24 hours old culture to be tested for urease test in 0.5 ml of 2% urea in a tube.
2. Place tube in water bath at 35°C - 37°C for 3 hours.
3. Add 0.1 ml of reagent.

Precautions :

1. For Laboratory Use.
2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.

Use: To detect urease activity by organism or ammonia production from urine

Quality Control:

Appearance: Colourless solution

Results:

A positive reaction is shown by color change from pale yellow to dark brown precipitate.

Storage : Below 30°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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