

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.

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

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

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

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.

The information contained in this publication is based on our in-house studies and market performance and is to the best of our knowledge true and accurate. BIOMARK LABORATORIES reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal or therapeutic use but for laboratory, diagnostic, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.