

TECHNICAL SHEET

BDD026

NITRATE DISCS

SPECIFICATIONS:

APPEARANCE: Sterile 6 mm diameter filter paper disc

Directions:

1. Put nitrate discs aseptically in sterile 5 ml of Peptone water (B035) test tube inoculated with test organism.
2. Incubate at 35-37°C for 18-24 hours.
3. Add few drops of each reagent alpha naphthylamine and Sulphanilic acid after incubation in test tube.
4. If there is no pink colour formation, add pinch of zinc dust to confirm the absence of nitrate in the medium.

Cultural response:

Cultural characteristics after 18-24 hours at 35-37°C.

Organism(ATCC)	Nitrate Reduction
Escherichia coli (25992)	Positive (Red or pink colour)
Enterobacter aerogenes (13048)	Positive (Red or pink colour)
Salmonella thyphimurium (14028)	Positive (Red or pink colour)
Acinetobacter calcoaceticus (23055)	Negative reaction

RESULTS:

Nitrate reduction: A distinct red or pink colour
No Nitrate reduction: No colour.

Precautions : For Laboratory Use.

USE: For detection of nitrate

Storage: Between 2 to 8°C.

Packing: 50 discs per vial

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.