



Sulphanilic Acid, 0.8%

R015

Intended Use

Sulphanilic Acid, 0.8% is analytical reagent used along with α -Naphthylamine solution (R009) for determination of nitrate reduction.

Composition**

Ingredients

Sulphanilic acid	8.000 gm
30% Acetic acid	1000.000 ml
Final pH (at 25°C)	1.6±0.1

**Formula adjusted, standardized to suit performance parameters

Directions

Inoculate growth from an 18 - 24 hours pure culture into Nitrate HiVeg Broth, (MV439). Incubate at 35°C for 12 to 24 hours. Very rarely prolonged incubation upto 5 days may be required. Add 0.5 ml α -naphthylamine along with 0.5 ml sulphanilic acid (R015).

Principle And Interpretation

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Type of specimen

1. The specimen is any isolated colony on primary or subculture plates.

Specimen Collection and Handling

1. For clinical samples follow appropriate techniques for handling specimens as per established guidelines(1,2).
 2. For food and dairy samples, follow appropriate techniques for sample collection and processing as per guidelines (3,5).
 3. For water samples, follow appropriate techniques for sample collection, processing as per guidelines and local standards.(4)
- After use, contaminated materials must be sterilized by autoclaving before discarding.

Warning and Precautions

In Vitro diagnostic use only. 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.

Limitations

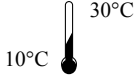
1. The nitrate reduction test may be used as an aid in the identification of bacteria. Additional biochemical testing using pure culture is recommended for complete identification.
2. Nitrate Broth and Nitrate Reagents A and B are not recommended for use in determining nitrate utilization by *Mycobacterium* spp.
3. Due to the possible presence of nitrite in the culture media, a low nitrite media such as Nitrate Agar or Nitrate Broth should be used for the nitrate reduction test.

IVD

In vitro diagnostic medical device



CE Marking



Storage temperature



Do not use if package is damaged

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