

# Oxidase Test Stick

Complete kit used for determining the oxidase-cytochrome enzyme.

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Oxidase Test Sticks	50 sticks
Oxidase Test Reagent	3 mL
1 Instruction sheet	

**Storage condition** : Store at -20 to 0 °C

## • PROCEDURE

1. Take the container from the refrigerator and leave on the bench for a few minutes until it reaches a room temperature.
2. Select a well-isolated colony for the medium.
3. Take a stick from the container.
4. With a loop, take the colony to be subjected to the test and smear it precisely on the end of the stick.
5. Add 2 drops of Oxidase Test Reagent.
6. Incubate the stick at  $35 \pm 2$  °C for 10-30 minutes.
7. Observe the development or non-development.

## • INTERPRETATION

The test is used to distinguish the bacteria that possess the oxidase-cytochrome enzyme from those that do not. Microorganisms that produce the oxidase-cytochrome enzyme determine the immediate (within 10-30 minutes) development of a purple color. But organisms that do not produce the oxidase-cytochrome enzyme do not. **Oxidase Test Reagent is so sensitive to temperature that you should store at -20 to 0 °C .**

## • QUALITY CONTROL FOR USE

Each batch of Oxidase Test Stick is submitted to the quality control using the following microorganisms.

### Microorganism

*Pseudomonas aeruginosa*

ATCC 27853

*Staphylococcus aureus*

ATCC 25923

### Oxidase test

+ (Purple)

- (No Color Change)



*Staphylococcus aureus*  
ATCC 25923



*Pseudomonas aeruginosa*  
ATCC 27853

## • STORE

Keep Oxidase Test Stick at -20 to 0°C in their original packaging protected from sunlight. Keep them away from sources of heat and avoid excessive temperature fluctuations. In these conditions, Oxidase Test Stick are valid until the expiry date shown on the label. Do not use them beyond that date. Dispose of them if they show signs of deterioration (for example, sticks' colors change).

## • PACKAGE

Cat. No : MB-88029 Oxidase Test Stick	50 sticks 3 mL reagent
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