

Oxidase Test Disc

Kit used for the identification and determination of cytochrome oxidase producing bacteria.

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Oxidase Test Discs	30 discs
Oxidase Test Reagent	3 mL
1 Instruction sheet	

Storage condition : Store at -20 to 0°C

• PROCEDURE

1. Take the disc from the freezer and leave it on the test bench at room temperature.
2. Take the oxidase test reagent from the freezer just before use.
3. With a sterile loop, choose a well isolated bacterial colony.
4. Spread a well isolated colony on a disc.
5. Add 1 - 2 drops of Oxidase Test Reagent.
6. Incubate the disc at $36 \pm 1^\circ\text{C}$ for 10 - 30 minutes.
7. Observe the development or non-development. Observe the color change of the disc at 10 minutes intervals during the incubation.

• INTERPRETATION

Oxidase Test Disc is a kit used for the identification and determination of cytochrome oxidase producing bacteria. 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 is identified 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 and take it from the freezer just before use. If reagent's color turns to black, don't use and throw it away.**

• QUALITY CONTROL FOR USE

Appearance : Reagent - clear

Color : Reagent - light yellow

Incubation conditions : $36 \pm 1^\circ\text{C}$ / 10 - 30 minutes

Microorganism		Oxidase Test
<i>Pseudomonas aeruginosa</i>	ATCC 27853	+
<i>Staphylococcus aureus</i>	ATCC 25923	-



P.aeruginosa



S.aureus

• STORE

Store the kit at -20 - 0°C in its original package tightly closed and use it before the expiry date on the label. Keep away from sources of heat and avoid excessive changes of temperature.

• PACKAGE

Cat. No : MB-88004 Oxidase Test Disc	30 discs 3 mL reagent
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