

OXIDASE REAGENT

Oxidase reagent is used for detection of cytochrome oxidase activity in bacteria.

Description	
Code number:	100 ml: OXI60100
Colour:	Brownish
Appearance:	Fine powder

Direction:

Dissolve the reagent into 100 ml of sterile distilled water. Dispense into sterile test tubes. Store the reagent tubes frozen until use.

Procedure:

Place two filter paper strips onto a clean microscopic slide. Soak the strips both with one drop of defrosted reagent. The colony to be tested is picked up with a platinum or plastic loop (do not use loop containing iron) and smeared over the moist area. The procedure is the same for the delayed positive colony (preferably *Haemophilus influenzae*).

Evaluation:

Positive: Dark red colouration within 10 seconds
 Delayed positive: Red colouration within 30 seconds
 Negative: Pale yellow colouration

FORMULA

N,N-Dimethyl-p-phenylenediamine-HCl	1 g
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Storage conditions: Store the reagents protected from light at 2-8 °C. Store the prepared reagents protected from light at -18 °C. The defrosted reagents can be stored protected from light at 2-8 °C, until the reagents become dark.

Warning!

Use the reagent only before the expiry date on the label.

Quality control:

Test strains	Incubation temp.: 37 °C	Result	Incubation time: 24 h
<i>Pseudomonas aeruginosa</i>	ATCC 27853	Positive	
<i>Haemophilus influenzae</i>	ATCC 49247	Delayed positive	
<i>Escherichia coli</i>	ATCC 25922	Negative	

In vitro diagnostic – for professional use only!