

18502 Oxidase Reagent acc. Gordon-McLeod

The reagent is used for detection of oxidase activity of a bacterial culture.

Composition:

N,N-Dimethyl-p-phenylenediamine hydrochloride 1.5 g
Water 100 ml

Appearance: black coloured solution

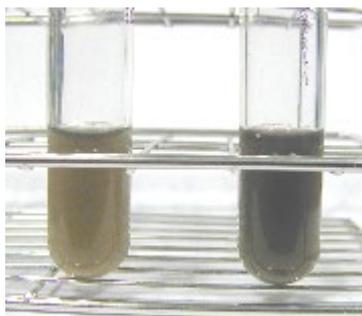
Directions:

Place 2-3 drops of reagent on to a filter paper in a petri dish. With a platinum wire loop (not nichrome), plastic loop or glass rod, smear some of the colonies from Nutrient Agar on the prepared filter paper. Observe for appearance of deep blue - purple color within 10 seconds.

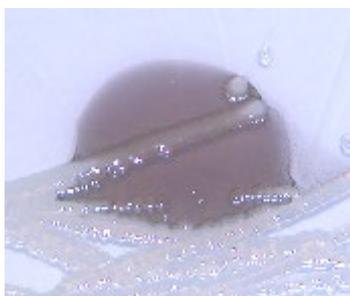
Test Organisms (ATCC)	Coloration	Oxidase
<i>N. gonorrhoeae</i> (19424)	deep purple blue	positive
<i>P. aeruginosa</i> (27853)	deep purple blue	positive
<i>S. aureus</i> (25923)	light blue purple	negative



paper discs impregnated with 2 drops of reagent: left disc with *E. coli*; right disc with *Pseudomonas fluorescens*



cultures with 2 drops of reagent: left tube with *E. coli*; right tube with *Pseudomonas fluorescens*



E. coli on a agar plate



Pseudomonas fluorescens on a agar plate

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

