

ONPG REAGENT

ONPG (o-Nitrophenyl- β -D-Galactopyranoside) test to determine whether the micro-organism is able to produce β -galactosydase enzyme.

Description	
Code number:	100 ml: ONP60100
Colour:	White
Appearance:	Fine powder

Direction: Dilute the ONPG powder with 100 ml of sterile physiological salt solution. Mix well and dispense aseptically into sterile test tubes, 2 ml each. Use immediately or store the tubes frozen.

Warning!

Prior to inoculation the medium should be brought to room temperature.

Procedure: Inoculate a tube containing ONPG reagent with 1 loop of micro-organism to be examined. Incubate the tube at 37 °C for up to 24 hours. Examine the tube after 4 hours and for up to 24 hours. Use positive and negative controls with every batch of the test.

Evaluation:

Positive: yellow coloration

Negative: no colour change

FORMULA

o-Nitrophenyl- β -D-Galactopyranoside	0,30 g
Buffer	0,37 g

Storage conditions: Protected from light, at room temperature.

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>Escherichia coli</i>	ATCC 25922	Positive	
<i>Salmonella typhimurium</i>	ATCC 14028	Negative	

In vitro diagnostic - for professional use only!