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DIAGNOSTIC DISCS **50 discs** **Code: DD 507**

Information for Use

ITEST ONPG

for the rapid detection of ß-galactosidase activity

Purpose and Usage:

ONPG diagnostic discs are designed for the detection of ß-galactosidase. This test serves for the differentiation, e.g. *Neisseria lactamica* from other Neisseriae.

Principle:

The test is based on the detection of ß-galactosidase which hydrolyses o-nitrophenyl-ß-galactopyranoside.Colored O-nitrophenol develops during this reaction.

Technique:

Prepare a dense suspension (degree No. 3 of McFarland turbidity scale) from the examined strain in a test tube with 0.4 ml sterile distilled water.Put ONPG disc into the test tube with the suspension and incubate for 3 hours at 37°C. Incubate test tubes with no color changes overnight at room temperature as some strains have delayed positive reaction.

Evaluation:

The suspension with the submerged disc becomes yellow if the reaction is positive (**ONPG +**). No change of color appears if the reaction is negative (**ONPG -**).

Warning:

1. ONPG discs are designed for laboratory use only.
2. Keep the discs in a dark place at 2 – 8°C and use by the exspiration date stated on the packagin.
3. Dispose unused IVD device and empty packaging according to Act no 185/2001 Coll., on Waste, according to following categories: 15 01 01 – paper packaging, 15 01 02 – plastic packaging, 15 01 07 – glass packaging, alluminium – 17 04 02, chemicals containing dangerous substances – 18 01 06. Dispose residue and unused IVD preparation in category 18 01 09 – other unusable pharmaceuticals. Dispose the waste,requiring special requirements for collection and removal with respect to prevention of infection, in category 18 01 03.

IVD CE