

INTENDED USE

Pro-Lab PL.510 NAD Supplement is an enrichment supplement for *Haemophilus spp.* and *Neisseria gonorrhoeae*.

SUMMARY AND EXPLANATION

The British Society for Antimicrobial Chemotherapy has issued guidelines recommending that media to be used for disc diffusion sensitivity testing for fastidious organisms, be supplemented. For the isolation of *Haemophilus spp.* and *N. gonorrhoeae*, Iso-Sensitest agar (Oxoid CM471) should be supplemented with 5% whole horse blood and 20 mg/L β-nicotinamide adenine dinucleotide (NAD)¹.

DESCRIPTION

An accurate quantity of β-Nicotinamide-adenine Dinucleotide (NAD) is lyophilized and provided in individually labelled vials. Each vial is sufficient to supplement 1000 mls of prepared media.

FORMULA

Each vial contains:

β-Nicotinamide-adenine Dinucleotide 20.0 mg

PROCEDURE

1. To reconstitute each vial of Pro-Lab PL.510 NAD Supplement add, aseptically, 10 mls of sterile deionized water. After closing the vial, gently agitate to assist reconstitution. The solution should be clear and free from visible particulate matter.

2. Add the reconstituted contents of one vial of the NAD Supplement to 1000 mls of prepared media (Iso-Sensitest agar with 5% whole horse blood) at a temperature of 50°C to 55°C. Mix gently and pour into sterile petri dishes.
3. Overnight storage at 4°C is recommended to allow suitable equilibration. For extended storage at 4°C, eg. up to 7 days, plates should be contained in sealed plastic sleeves or similar packaging.

IN USE

1. Before using the medium ensure that the surface of the plates are dry. Do not over dry plates.
2. Inoculate plates for disc diffusion sensitivity testing as per approved procedures.
3. Incubate plates at 37°C in 4-6% CO₂ in air for 18 to 20 hours.
4. After incubation, measure zones of inhibition.

SAFETY PRECAUTIONS

1. Pro-Lab PL.510 NAD Supplement is offered only as an in vitro material and is in no way intended for a curative or prophylactic purpose.
2. During and after use, handle all materials in a manner conforming to Good Laboratory Practices and consider at all times that material under test should be regarded as a potential biohazard if mishandled.

PRESENTATION

Pro-Lab PL.510 NAD Supplement is supplied 10 vials per box (lyophilized).









STORAGE

Pro-Lab PL.510 NAD Supplement must be stored at 2°C to 8°C. Kept under these conditions it may be used up to the date of expiry shown on the product label.

REFERENCES

1. Brown, D. Standardised Method of Disc Diffusion Sensitivity Testing. In: Antimicrobial Sensitivity Testing Guidelines. The British Society for Antimicrobial Chemotherapy Guidelines. 1998. pp 5-6.

Revision: 2003 12

	= Use by
	= Lot number
	= Catalogue number
	= Manufacturer
	= Authorized Representative in the European Community.
	= in vitro diagnostic medical device.
	= Temperature limitation
	= Consult instructions for use.