

INTENDED USE

Skirrow selective supplement is intended as an inhibitor of contaminating flora other than *Campylobacters* present in cultures from faecal specimens.

SUMMARY AND EXPLANATION

Since the late 1970's *Campylobacters* have been acknowledged as a common agent involved in numerous cases of enteritis, with particular emphasis on acute gastroenteritis in infants.¹ Various methods have been developed to assist microbiologists in selectively isolating *Campylobacters*. PRO-LAB PL.501/460 are based on the original Skirrow formulation.²

DESCRIPTION

PRO-LAB Skirrow formula in accurate quantities is lyophilized and provided in individually labelled vials. Each vial is sufficient to supplement 500/1000 ml, final medium.

FORMULA

Each vial contains:	PL.501	PL.460
Vancomycin	5.0 mg	10 mg
Polymyxin	1250 I.U.	2500 I.U.
Trimethoprim Lactate	2.5 mg	5 mg

PROCEDURE

To reconstitute each vial of PRO-LAB *CAMPYLOBACTER* Supplement Skirrow Formula PL.501/460, add aseptically, 4 ml of sterile distilled water. After closing the vial, gently agitate to assist reconstitution. The resultant solution should be clear and free from visible particulate matter. Add the contents of the vial to a final 500/1000 ml prepared medium (Blood agar base or other suitable

medium of choice supplemented with 5-7% sterile lysed horse blood) at a temperature not greater than 50° C. Mix gently and pour into sterile petri dishes. 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 packing.

IN USE

1. Before using selective medium ensure that plates are dry.
2. Inoculate directly onto agar surface using sterile inoculating loop (available from PRO-LAB) or a sterile swab in such a manner as to encourage the growth of isolated colonies.
3. Incubate for 24-48 hours in a reduced oxygen atmosphere approximately 6%; an anaerobic jar without palladium coated catalyst is convenient for this purpose. Incubation may be effected at 37°C however, for increased selectivity a temperature of 42-43°C is desirable and will exclude *Campylobacter fetus* and other competing flora.
4. Examine after incubation.
5. *Campylobacter* will be seen as nonhaemolytic, gray or colourless colonies.³

SAFETY PRECAUTIONS

1. PRO-LAB Supplement PL.501/460 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 *CAMPYLOBACTER* Supplement Skirrow Formula PL.501/460 are supplied 10 vials per box (lyophilized).









STORAGE

PRO-LAB *CAMPYLOBACTER* Supplement Skirrow Formula PL.501/460 must be stored at 2° to 8°C. Kept under these conditions it may be used up to date of expiry shown on product label.

REFERENCES

1. Bokkenheuser, V.D., Richardson, N.J., Bryner, J.H., Roux, D.J., Schutte, A.B., Koornhof, H.J., Freiman, I. and Hartman, E.J. 1979. Detection of Enteric Campylobacteriosis in Children. *J. Clin. Microbiol.* 9: 227-232.
2. Skirrow, M.B. 1977. *Campylobacter* enteritis: a "new" disease. *British Medical Journal.* 2: 9-11.
3. Morris, G.K., and Patton, C.M. 1985. *Campylobacter*. In Lennette, E. H., Balows, A., Hausler, W.J., and Shadomy, H.J. (eds.), *Manual of Clinical Microbiology*, 4th ed. American Society for Microbiology, Washington, D.C. pp. 302-307.

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