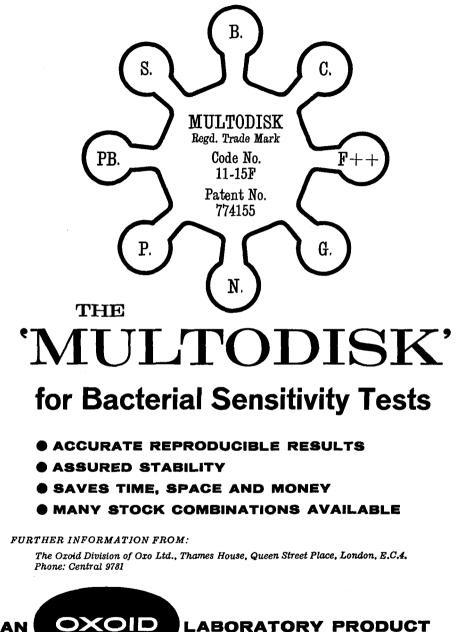
The method of choice in most laboratories today



Hygiene, 59, 2

(i)

Burroughs Wellcome & Co.* FOR BIOLOGICAL Suspensions DIAGNOSTIC for—E. coli REAGENTS

★ Burroughs Wellcome & Co. supply the largest range of Biological **Diagnostic Reagents of any Com**pany in the world.

A complete list of these products of the Wellcome Research Laboratories is available on request.



- Normal Horse Blood (oxalated or defibrinated)
- Normal Horse Sera

Sheep Blood, defibrinated (formolised, no preservative or Alsever solution)

Standard Agglutinable

Diagnostic Sera (specific for slide or tube test) Salmonella Shigella H. influenzæ, etc.

Streptococcus Grouping Sera Wassermann, Kahn and **Cardiolipin Antigens** Gonococcus Antigen Hæmolytic Serum **Preserved Complement** (liquid or dried) **Species Precipitating Sera** Penicillinase

Rabbit Plasma, dried (for coagulase test)

Coombs's Reagent

Streptolysin-O, dried

Staphylococcus a-hæmolysin

Thyroglobulin Tanned Red Cells

Receptor-Destroying Enzyme (V. choleræ)

Also available:----

Opacity Tubes

'Agla' Micrometer Syringes **Culture Media**

BURROUGHS WELLCOME & CO. (The Wellcome Foundation Ltd.) THE WELLCOME BUILDING, EUSTON ROAD, LONDON, N.W.1

(ii)

The Journal of General Microbiology

Editors: B. C. J. G. KNIGHT and A. F. B. STANDFAST

Vol. 25, No. 2

355.

June 1961

WORK, E. The mucopeptides of bacterial cell walls. A review.

MILLBANK, J. W. and HOUGH, J. S. The action of acriflavine on brewers' yeasts.

RODWELL, A. W. and ABBOT, A. The function of glycerol, cholesterol and long-chain fatty acids in the nutrition of *Mycoplasma mycoides*.

GARTON, G. A., LOUGH A. K. and VIOQUE, E. Glyceride hydrolysis and glycerol fermentation by sheep rumen contents.

HOBSON, P. N. and MANN, S. O. The isolation and culture of glycerol-fermenting and lipolytic bacteria from the rumen of the sheep.

SWORD, C. P. and PICKETT, M. J. The isolation and characterization of bacteriophages from Listeria monocytogenes.

FORD, J. E. and ROGOSA, M. The nutrition of a *Lactobacillus acidophilus* variant isolated from the duodenum of a chick.

MEYNELL, E. A phage ϕ_X which attacks motile bacteria.

LION, M. B. and BERGMANN, E. D. Substances which protect lyophilized *Escherichia coli* against the lethal effect of oxygen.

STEEL, K. J. The oxidase reaction as a taxonomic tool.

LEVIN, A. P. and BURTON, K. Inhibition of enzyme formation following infection of Escherichia coli with phage T2r⁺.

Rowson, K. E. K. The action of tetanus toxin in frogs.

Orders should be sent to

CAMBRIDGE UNIVERSITY PRESS BENTLEY HOUSE, 200 EUSTON ROAD, LONDON, N.W. I

FULL PARTICULARS OF THE

JOURNALS

PUBLISHED BY THE

CAMBRIDGE UNIVERSITY PRESS

MAY BE HAD FROM

THE MANAGER, CAMBRIDGE UNIVERSITY PRESS BENTLEY HOUSE, 200 EUSTON ROAD LONDON, N.W.1

CONTENTS

(All rights reserved)

	PAGE
GALBRAITH, N. S., ARCHER, J. F. and TEE, G. H. Salmonella saint-paul infection in England and Wales in 1959	133
SPICER, C. C. The incidence of poliomyelitis virus in normal children aged 0-5 years. A report on a study by the Public Health Laboratory Service and Local Health	
Authorities	143
WATSON, K. C. Surival of bacteria in amoebic hepatic pus in vitro	161
KAPLAN, C. and MICKLEM, LISEL R. A method for preparing smallpox vaccine on a	
large scale in cultured cells	171
DUNCAN, I. B. R. An outbreak of aseptic meningitis associated with a previously unrecognized virus	181
DOLBY, JEAN M., THOW, DORAINE C. W. and STANDFAST, A. F. B. The intranasal	
infection of mice with Bordetella pertussis	191
DOLBY, JEAN M. and STANDFAST, A. F. B. The intracerebral infection of mice with Bordetella pertussis	205
STANDFAST, A. F. B. and DOLBY, JEAN M. A comparison between the intranasal and	
intracerebral infection of mice with Bordetella pertussis	217
P.H.L.S. Report. The detection of the typhoid carrier state	231
CAUNT, ANNE E., RONDLE, C. J. M. and DOWNIE, A. W. The soluble antigens of	
varicella-zoster virus produced in tissue culture	249
LIDWELL, O. M. Sepsis in surgical wounds. Multiple regression analysis applied to	250
records of post-operative hospital sepsis	259

The Journal of Hygiene is issued in four parts to a volume.

Quotations can be given for back volumes on application.

Papers for publication should be sent to Lt.-Col. H. J. BENSTED, c/o Lister Institute of Preventive Medicine, Chelsea Bridge Road, London, S.W. 1. Other communications should be addressed to the University Press, Cambridge.

Papers forwarded to the Editor for publication are understood to be offered to The Journal of Hygiene alone, unless the contrary is stated.

Contributors receive twenty-five copies of their paper free. Additional copies, not exceeding two hundred (except in special cases) may be purchased; these should be ordered when the final proof is returned.

The subscription price is £4. 10s. per volume (post-free), payable in advance; single numbers 30s. net. Subscriptions may be sent to any Bookseller, or to The Cambridge University Press, Bentley House, 200 Euston Road, London, N.W. 1.

The subscription price in the U.S.A., is \$17.50. Single parts \$5.00. Enquiries should be addressed to the American Branch of the Press at 32 East 57th Street, New York 22, N.Y.

Printed in Great Britain at the University Press, Cambridge (Brooke Crutchley, University Printer)