Active immunization against poliomyelitis. A comparative study. I. Attempts at immunization of monkeys and children with formalized	
virus	167
Experimental immunization of monkeys with virus treated with sodium ricinoleate	183
Active immunization against poliomyelitis. A comparative study. III. Active immunization of monkeys with exactly neutralized mixtures of	
virus and serum	191
on Al(OH) ₃	199
Active immunization against tetanus infection with refined tetanus toxoid	363
Active immunization to scarlet fever by the intracutaneous method	373
Adsorption of sensitized bacteria, Further observations on the	
group-specific agglutinins	25
Agglutinins, Group-specific, in rabbit serums for human cells. II. Immune	
group-specific A agglutinins	31
Almon, Lois and W. D. Stovall. A study of the "VI" antigen of Felix and	000
Pitt	269
toxoid)	
Anaphylactic shock in guinea pigs, Vitamin C and	209
Anaphylaxis in the dog, The reticulo-endothelial system and	1
Antibodies. Brain antibodies in men?	421
borne, in areas of inflammation of various ages	
Antibodies, The permeability of the lungs to	7
Antibody in relation to immunity in acute poliomyelitis	
Antigen, A new, and its use in the sero-diagnosis of syphilis	155
Antigenic properties of certain normal and pathological lymphoid deposits	000
in tissues of chickens, A study of the	•••
type-specific reactions of, II. Lipids and immunological reactions Arthritic sera, Precipitin reactions between hemolytic streptococci of various	135
· · · · · · · · · · · · · · · · · · ·	439
Asthma. Delayed and immediate reactions to bacterial nucleoproteins in asthma, hay fever, and in a group of miscellaneous diseases	477

Asthmatic patients, The behavior of immediate and delayed cutaneous reactions to bacterial nucleo-proteins in	51
Bacterial nucleoproteins, Delayed and immediate reactions to, in asthma, hay	41>-
Bacterial nucleo-proteins, The behavior of immediate and delayed cutaneous	
reactions to, in asthmatic patients	51
coccus, Comparison of the, with the mouse-mucin test for virulence Battey, Shirley (joint author) with C. A. Stuart, Paul B. Sawin and K. M. Wheeler. Group-specific agglutinins in rabbit serums for human cells.	43
I. Normal group-specific agglutinins	$\frac{25}{471}$
Bergey, D. H. and S. Etris. Active immunization against tetanus infection	
with refined tetanus toxoid	
Blood grouping in forensic medicine	321
in Dutch Guiana	377
Brain antibodies in men?	421
Schick tests	387 95
Brown, Rachel (joint author) with Augustus Wadsworth. A new antigen and	
its use in the sero-diagnosis of syphilis	155
tion on broths made from dried complete media	95
Alukuyana Indians in Dutch Guiana	377
Cannon, Paul R. (joint author) with Theodore E. Walsh. Studies on acquired immunity in rabbits to intranasal infection with type I pneumococcus	221
Castaneda, M. Ruiz. Studies on the mechanism of immunity in typhus fever.	
Complement-fixation in typhus fever	
mune serum	
Chasis, Herbert and Currier McEwen. Precipitin reactions between hemolytic streptococci of various groups and immune and rheumatoid	
arthritic sera	
Colds, Further studies on the relation of heterophile immunity to the incidence of	
Colloidal dye, The localization and concentration of blood-borne antibodies	293

Complement fixation following B. C. G. vaccination	471
Complement-fixation in typhus fever. Studies on the mechanism of immunity in typhus fever	285
Cutaneous reactions to bacterial nucleo-proteins in asthmatic patients, The	
behavior of immediate and delayed	51
Diphtheria toxin-production on broths made from dried complete media	
Diphtheria toxin, Refractometric and chemical study of	
Diphtheria toxoid, Alum-precipitation of, (improvement of diphtheria alum-toxoid)	
Diphtheric toxin and formaldehyde, The reaction between	141
Dissociation of meningitic strains of H. influenzae, Observations on the	
Dog, The reticulo-endothelial system and anaphylaxis in the	1
Dragstedt, Carl A. (joint author) with Moore A. Mills. The reticulo-endo-	
thelial system and anaphylaxis in the dog	1
Dutch Guiana, Blood grouping of 336 Upper Aucaner Bush Negroes and 70 Alukuyana Indians in	
Etris, S. (joint author) with D. H. Bergey. Active immunization against	
tetanus infection with refined tetanus toxoid	
Extracts, Hemolytic and combining capacities of pneumococcic	37
Finland, Maxwell (joint author) with R. Carmichael Tilghman. The avail-	
ability of specific pneumococcus antibody after intravenous, intramuscu-	
lar, and subcutaneous injection	239
Fleisher, Moyer S. (joint author) with Lloyd Jones. Serum-sickness in	
rabbits. VI. Influence of removal of lipids from serum on occurrence	
of serum sickness	215
Follensby, Edna M. and Sanford B. Hooker. The reaction between diphtheric toxin and formaldehyde	1/11
Forensic medicine, Blood grouping in	
Formaldehyde, The reaction between diphtheric toxin and	
Formalized virus, Attempts at immunization of monkeys and children with, I.	
Active immunization against poliomyelitis. A comparative study	167
Fothergill, LeRoy D. and Caroline A. Chandler. Observations on the disso-	
ciation of meningitic strains of H. influenzae	401
Fox, John P. The localization and concentration of blood-borne antibodies	009
and colloidal dye in areas of inflammation of various ages	290
Fraser, D. T. (joint author) with K. F. Brandon. Observations on the inter-	•
pretation of Schick tests	387
Fraser, Donald T. (joint author) with Nelles Silverthorne. Comparison of	
the bactericidal action of human and guinea-pig blood on strains of the	
meningococcus with the mouse-mucin test for virulence	43
Gardiner, B. G. (joint author) with G. B. Reed. Complement fixation fol-	
lowing B. C. G. vaccination.	471
Gettler, Alexander O. and Herbert E. Kramer. Blood grouping in forensic	
medicine	321

Goodner, Kenneth (joint author) with Frank L. Horsfall, Jr. Lipids and	
immunological reactions. II. Further experiments on the relation of	
lipids to the type-specific reactions of antipneumococcus sera	135
Griffin, A. M. (joint author) with C. A. Stuart, Paul B. Sawin and K. M.	
Wheeler. Group-specific agglutinins in rabbit serums for human cells.	
II. Immune group-specific A agglutinins	31
Grossman, L. H. (joint author) with S. D. Kramer. Active immunization	-
against poliomyelitis. A comparative study. II. Experimental im-	
	183
	199
Grossman, L. H. (joint author) with S. D. Kramer and B. Hoskwith. Active	
immunization against poliomyelitis. A comparative study. IV. Ex-	
perimental immunization of monkeys with purified virus, adsorbed on	
	199
Group-specific agglutinins in rabbit serums for human cells. I. Normal	
group-specific agglutinins	25
Group-specific agglutinins in rabbit serums for human cells. II. Immune	
group-specific A agglutinins	31
Guggenheim, Karl (joint author) with Leo Olitzki. Further observations on	
	463
Hay fever. Delayed and immediate reactions to bacterial nucleoproteins in	
asthma, hay fever, and in a group of miscellaneous diseases	477
Hemolytic and combining capacities of pneumococcic extracts	37
Herman, V. A. A study of the blood-grouping factors in horses	
Herpes virus, The in vitro action of synthetic crystalline vitamin C (ascorbic	OTI
	122
	455
Heterophile immunity, Further studies on the relation of, to the incidence of	41=
colds	
H. influenzae, Observations on the dissociation of meningitic strains of	401
Holden, Margaret and Rose Resnick. The in vitro action of synthetic crys-	
talline vitamin C (ascorbic acid) on herpes virus	455
Hooker, Sanford B. (joint author) with Edna M. Follensby. The reaction	
between diphtheric toxin and formaldehyde	141
Horses, A study of the blood-grouping factors in	347
Horsfall, Frank L., Jr. and Kenneth Goodner. Lipids and immunological	
reactions. II. Further experiments on the relation of lipids to the type-	
specific reactions of antipneumococcus sera	135
Hoskwith, B. (joint author) with S. D. Kramer and L. H. Grossman. Active	
immunization against poliomyelitis. A comparative study. IV. Ex-	
perimental immunization of monkeys with purified virus, adsorbed on	
	199
Hu, C. K. (joint author) with Louise Pearce and Paul D. Rosahn. The	
reaction of the nursling rabbit to vaccination with vaccine virus	73
Hu, C. K. (joint author) with Paul D. Rosahn and Louise Pearce. The reac-	43
tion of normal and rabbit pox immune adult rabbits to vaccination with	70
vaccine virus	59
Hull, Winifred S. Hemolytic and combining capacities of pneumococcic	27
avtranta	37

Human cells, Group-specific agglutinins in rabbit serums for. I. Normal group-specific agglutinins	25
Human cells, Group-specific agglutinins in rabbit serums for. II. Immune group-specific A agglutinins	31
	135
Indians. Blood grouping of 336 Upper Aucaner Bush Negroes and 70 Alukuyana Indians in Dutch Guiana	377
Inflammation of various ages, The localization and concentration of blood-borne antibodies and colloidal dyes in areas of	
Intranasal infection with type I pneumococcus, Studies on acquired immunity in rabbits to	331
Jones, Lloyd and Moyer S. Fleisher. Serum-sickness in rabbits. VI. Influence of removal of lipids from serum on occurrence of serum sickness Jordani, Leopold (joint author) with Franklin A. Stevens. Delayed and	215
immediate reactions to bacterial nucleoproteins in asthma, hay fever, and in a group of miscellaneous diseases	477
immediate and delayed cutaneous reactions to bacterial nucleo-proteins in asthmatic patients	51
Kahn, Morton C. Blood grouping of 336 Upper Aucaner Bush Negroes and 70 Alukuyana Indians in Dutch Guiana	
Kolmer, John A. Antibody in relation to immunity in acute poliomyelitis Komiyama, T. (joint author) with K. Ando and K. Manako. Alum-precipitation of diphtheria toxoid (improvement of diphtheria alum-toxoid)	
Kramer, Herbert E. (joint author) with Alexander O. Gettler. Blood grouping in forensic medicine	
Kramer, S. D. Active immunization against poliomyelitis. A comparative study. I. Attempts at immunization of monkeys and children with formalized virus	
Kramer, S. D. and L. H. Grossman. Active immunization against poliomyelitis. A comparative study. II. Experimental immunization of monkeys with virus treated with sodium ricinoleate	183
Kramer, S. D. Active immunization against poliomyelitis. A comparative study. III. Active immunization of monkeys with exactly neutralized	
mixtures of virus and serum	
Lipids and immunological reactions. II. Further experiments on the relation of lipids to the type-specific reactions of antipneumococcus sera	
Lipids, Influence of removal of, from serum on occurrence of serum sickness, VI. Serum-sickness in rabbits	

Lung tissue, Serologic specificity of	429
Lungs, The permeability of the, to antibodies	7
Lymphoid deposits in tissues of chickens, A study of the antigenic properties	
of certain normal and pathological	309
Manako, K. (joint author) with K. Ando and T. Komiyama. Alum-precipi-	
tation of diphtheria toxoid (improvement of diphtheria alum-toxoid)	955
	999
McEwen, Currier (joint author) with Herbert Chasis. Precipitin reactions	
between hemolytic streptococci of various groups and immune and	400
rheumatoid arthritic sera	
Meningitic strains of H. influenzae, Observations on the dissociation of	401
Meningococcus, Comparison of the bactericidal action of human and guinea-	
pig blood on strains of the, with the mouse-mucin test for virulence	43
Mills, Moore A. and Carl A. Dragstedt. The reticulo-endothelial system and	
anaphylaxis in the dog	1
Mixtures of virus and serum, Active immunization of monkeys with exactly	
neutralized, III. Active immunization against poliomyelitis. A com-	
parative study	191
Mouse-mucin test for virulence, Comparison of the bactericidal action of	
human and guinea-pig blood on strains of the meningococcus with the	43
Nucleoproteins, Delayed and immediate reactions to bacterial, in asthma,	
hay fever, and in a group of miscellaneous diseases	477
Nucleo-proteins, The behavior of immediate and delayed cutaneous reac-	
tions to bacterial, in asthmatic patients	51
Nursling rabbit, The reaction of the, to vaccination with vaccine virus	73
The state of the s	
Olitzki, Leo and Karl Guggenheim. Further obsavations on the adsorption	
of sensitized bacteria	463
Olson, Carl and Alexander Zeissig. A study of the antigenic properties of	
certain normal and pathological lymphoid deposits in tissues of chickens.	309
Opsonins for Rickettsia prowazeki in typhus-immune serum, Demonstration	
of, III. Studies on the mechanism of immunity in typhus fever	227
,	
Pearce, Louise, C. K. Hu and Paul D. Rosahn. The reaction of the nursling	
rabbit to vaccination with vaccine virus	73
Pearce, Louise (joint author) with Paul D. Rosahn and C. K. Hu. The reac-	
tion of normal and rabbit pox immune adult rabbits to vaccination with	59
vaccine virus	3E
Permeability of the lungs to antibodies, The	
Pneumococcic extracts, Hemolytic and combining capacities of	37
Pneumococcus antibody, The availability of specific, after intravenous, intra-	000
muscular, and subcutaneous injection	239
Pneumococcus, Studies on acquired immunity in rabbits to intranasal infec-	00-
tion with type I	331
Poliomyelitis, Active immunization against. A comparative study. I.	
Attempts at immunization of monkeys and children with formalized	
tririta	167

Poliomyelitis, Active immunization against. A comparative study. II.	
Experimental immunization of monkeys with virus treated with sodium	
ricinoleate	183
Poliomyelitis, Active immunization against. A comparative study. III.	
Active immunization of monkeys with exactly neutralized mixtures of	
virus and serum	191
Poliomyelitis, Active immunization against. A comparative study. IV.	
Experimental immunization of monkeys with purified virus, adsorbed on	
Al(OH) ₃	100
Poliomyelitis, Antibody in relation to immunity in acute	
	115
Precipitin reactions between hemolytic streptococci of various groups and	
immune and rheumatoid arthritic sera	
Precipitins, The specificity of, for serum	103
Rabbit pox immune adult rabbits, The reaction of normal and, to vaccination	
with vaccine virus	59
	υŧ
Rabbit serums, Group-specific agglutinins in, for human cells. I. Normal	۰.
group-specific agglutinins	25
Rabbit serums, Group-specific agglutinins in, for human cells. II. Immune	
group-specific A agglutinins	31
Rabbit, The reaction of the nursling, to vaccination with vaccine virus	73
Rabbits, Serum-sickness in. VI. Influence of removal of lipids from serum	
on occurrence of serum sickness	215
Rabbits, Studies on acquired immunity in, to intranasal infection with type I	
pneumococcus	331
Reed, G. B. and the late B. G. Gardiner. Complement fixation following	
B. C. G. vaccination	471
Refractometric and chemical study of diphtheria toxin	
Resnick, Rose (joint author) with Margaret Holden. The in vitro action of	20,
synthetic crystalline vitamin C (ascorbic acid) on herpes virus	455
	400
Reticulo-endothelial system and anaphylaxis in the dog, The	J
Rheumatoid arthritic sera, Precipitin reactions between hemolytic strepto-	
cocci of various groups and immune and	439
Rickettsia prowazeki, Demonstration of opsonins for, in typhus-immune	
	22
Robinson, J. Hudson. Active immunization to scarlet fever by the intra-	
cutaneous method	373
Rockwell, George E. and Herman C. Van Kirk. Further studies on the rela-	
	417
Rosahn, Paul D., C. K. Hu and Louise Pearce. The reaction of normal and	
rabbit pox immune adult rabbits to vaccination with vaccine virus	59
Rosahn, Paul D. (joint author) with Louise Pearce and C. K. Hu. The reac-	U)
	73
tion of the nursling rabbit to vaccination with vaccine virus	13
Salfeld, Hans and Manfred Weichsel. Serologic specificity of lung tissue	429
Salfeld, Hans (joint author) with Manfred Weichsel. Brain antibodies in	
men?	421

Sawin, Paul B. (joint author) with C. A. Stuart, K. M. Wheeler and Shirley Battey. Group-specific agglutinins in rabbit serums for human cells.	۰.
 Normal group-specific agglutinins	25
II. Immune group-specific A agglutinins	31
Searlet fever, Active immunization to, by the intracutaneous method	373
Schick tests, Observations on the interpretation of	
Sensitized bacteria, Further observations on the adsorption of	
Sero-diagnosis of syphilis, A new antigen and its use in the	
Serologic specificity of lung tissue	
Serum-sickness in rabbits. VI. Influence of removal of lipids from serum	
on occurrence of serum sickness	215
Siebenmann, C. Refractometric and chemical study of diphtheria toxin	
Silverthorne, Nelles and Donald T. Fraser. Comparison of the bactericidal	
action of human and guinea-pig blood on strains of the meningococcus	
with the mouse-mucin test for virulence	43
Sodium ricinoleate, Experimental immunization of monkeys with virus	10
treated with, II. Active immunization against poliomyelitis. A compara-	
tive studytive inmidification against politonyentis. A compara-	122
Solomonica, Bruno. Vitamin C and anaphylactic shock in guinea pigs	200
Specificity of lung tissue, Serologic	490
Specificity of precipitins for serum, The	103
Stevens, Franklin A. and Leopold Jordani. Delayed and immediate reac-	100
tions to bacterial nucleo-proteins in asthma, hay fever, and in a group of	
miscellaneous diseases	477
Stevens, Franklin A. and Leopold Jordani. The behavior of immediate	311
and delayed cutaneous reactions to bacterial nucleo-proteins in asthmatic	
	51
patients	0,1
of Felix and Pitt	260
Streptococci of various groups, Precipitin reactions between hemolytic, and	208
Streptococci of various groups, Precipitin reactions between hemolytic, and	420
immune and rheumatoid arthritic sera	408
specific agglutinins in rabbit serums for human cells. I. Normal group-	25
specific agglutinins.	20
Stuart, C. A., Paul B. Sawin, A. M. Griffin and K. M. Wheeler. Group-	
specific agglutinins in rabbit serums for human cells. II. Immune	31
group-specific A agglutinins	
Synthetic crystalline vitamin C (ascorbic acid), The in vitro action of, on	455
herpes virus	155
Syphilis, A new antigen and its use in the serodiagnosis of	IUC
m	265
Tetanus toxoid, Active immunization against tetanus infection with refined Thomas, Leona E. (joint author) with William Edward Bunney. Diphtheria	906
toxin-production on broths made from dried complete media	95
Title was D. Carrich of and Marrell Finland. The availability of specific	Ð.
Tilghman, R. Carmichael and Maxwell Finland. The availability of specific	
pneumococcus antibody after intravenous, intramuscular, and sub-	
CHEARCUS HECCHOIL	200

Toxin-production on broths made from dried complete media, Diphtheria Toxin, Refractometric and chemical study of diphtheria Toxin, The reaction between diphtheric, and formaldehyde Toxoid, Active immunization against tetanus infection with refined tetanus. Toxoid, Alum-precipitation of diphtheria, (improvement of diphtheria alum-	257 141
toxoid)	
Typhus fever, Studies on the mechanism of immunity in. III. Demonstration of opsonins for <i>Rickettsia prowazeki</i> in typhus-immune serum	
Vaccine virus, The rection of normal and rabbit pox immune adult rabbits to vaccination with	59
Vaccine virus, The reaction of the nursling rabbit to vaccination with Van Kirk, Herman C. (joint author) with George E. Rockwell. Further	73
studies on the relation of heterophile immunity to the incidence of colds "VI" antigen of Felix and Pitt, A study of the	269
blood on strains of the meningococcus with the mouse-mucin test for Vitamin C and anaphylactic shock in guinea pigs	43
Vitamin C (ascorbic acid), The in vitro action of synthetic crystalline, on herpes virus.	455
Wadsworth, Augustus and Rachel Brown. A new antigen and its use in the sero-diagnosis of syphilis	155
Walsh, Theodore E. and Paul R. Cannon. Studies on acquired immunity in rabbits to intranasal infection with type I pneumococcus	
Weichsel, Manfred and Hans Salfeld. Brain antibodies in men?	
Wheeler, K. M. (joint author) with C. A. Stuart, Paul B. Sawin and Shirley Battey. Group-specific agglutinins in rabbit serums for human cells.	
I. Normal group-specific agglutinins	25
II. Immune group-specific A agglutinins	
Zeissig, Alexander (joint author) with Carl Olson. A study of the Antigenic properties of certain normal and pathological lymphoid deposits in	
tissues of chickens	

THE JOURNAL OF IMMUNOLOGY

Manuscripts should be typewritten and carefully revised before submission and should be sent to Dr. Arthur F. Coca, Pearl River, New York. Authors will be charged for space in excess of 20 printed pages; also for all illustrations and for tabular matter in excess of 10 per cent of the text space.

THE JOURNAL OF IMMUNOLOGY is issued monthly. Two volumes a year are issued. Twenty-five reprints, without covers, of articles will be furnished to contributors free of cost when ordered in advance. A table showing cost of reprints, with an order slip, is sent with proof. Orders for purchased reprints must be limited to 1,000 copies.

Published monthly, beginning January, 1929. (From 1916-1925, and in 1928 Volumes I-X, inclusive, and Vol. XV published bi-monthly. Two volumes per year were

published during 1926-1927.)

The subscription price is \$5.00 per volume. For countries outside the Postal Union, add 50 cents a volume. Two volumes ordered at the same time, \$9.00; overseas, \$10.00. The subscriptions of members of the American Association of Immunologists are included in the membership dues and are handled by the Association's Treasurer, Dr. Arthur F. Coca, Pearl River, New York All other subscriptions should be sent to the publishers.

Claims for copies lost in the mails must be received within 30 days, domestic (90 days, foreign) of the date of issue. Changes of address must be received at least two

weeks in advance of issue.

Correspondence concerning business matters should be addressed to The Williams & Wilkins Company, Publishers of Scientific Journals and Books, Mount Royal and

Guilford Avenues, Baltimore, U. S. A.

New subscriptions and renewals are entered to begin with the first issue of the current volume. Should any issue of the current volume be out of print at the time the subscription order is received, the pro-rata value of such numbers will be credited to the next volume, and the renewal invoice therefore adjusted accordingly.

Subscriptions should be renewed promptly—To avoid a break in your series, subscriptions should be renewed promptly. The publishers cannot guarantee to supply back

issues on belated renewals.

Subscriptions, new or renewal, should be sent to the Publishers or to Agents listed below.

AGENTS

For Argentina and Uruguay: Beutelspacher y Cia, Sarmiento 815, Buenos Aires.

For Australia: Angus & Robertson, Limited, 89-95 Castlereagh Street, Sydney.

For Belgium: Henri Lamertin, 58 Rue Coudenberg, Bruxelles.

For the British Empire, except Australia and Canada: Baillière, Tindall & Cox, 8 Henrietta St., Covent Garden, W C 2, London, England.

For Canada: Wm. Dawson & Sons, Ltd., 91 Queen Street East, Toronto.

For China: Commercial Press Ltd., Paoshan Road, Shanghai, China.

For Denmark: H. Hagerup's Boghandel, Gothersgade 30, Kjobenhavn.

For France: Émile Bougault, 48 Rue des Ecoles, Paris.

For Germany: B. Westermann Co., Inc., Zimmerstrasse 35-41, Berlin SW-68.

For Holland: Scheltema & Holkema, Rokin 74-76, Amsterdam.

For Japan and Korea: Maruzen Company, Ltd. (Maruzen-Kabushiki-Kaisha), 6 Nihonbashi Tori-Nichome, Tokyo; Fukuoka, Osaka, Kyoto, and Sendai Japan.

For Spain: Ruiz Hermanos, Plaza de Santa Ana.
13, Madrid.

THE WILLIAMS & WILKINS COMPANY

Publishers of Scientific Books and Periodicals

BALTIMORE, U. S. A.

Publishers Of: Medicine, Journal of Urology, Journal of Pharmacology and Experimental Therapeutics, American Journal of Tropical Medicine, Journal of Immunology, Journal of Industrial Hygiene and Toxicology, Quarterly Review of Biology, Journal of Bacteriology, Annals of the Pichett-Thomson Research Laboratory, Chemical Reviews, Soil Science, Social Ferces, Journal of Comparative Psychology, Mental Measurement Monographs, Occupational Therapy and Rehabilitation, The American Journal of Clinical Pathology, Journal of Physical Chemistry, Journal of the Biological Physical Physical Chemistry, Medical Classics.

Medico-Legal and Criminological Review, Journal of Organic Chemistry, Medical Classics.



ANTIGENS

for the Diagnosis of Syphilis

This group of Difco products is prepared solely for the laboratory diagnosis of syphilis by means of the more frequently employed complement-fixation, precipitation and flocculation tests. Each antigen is carefully titrated according to the procedure for which it is recommended.

· Bacto-Kolmer Antigen

Bacto-Kolmer Antigen is prepared expressly for use in the Kolmer modification of the Wassermann reaction. It is exceptionally sensitive in its antigenic properties and low in anticomplementary and hemolytic powers. The extract is uniform and stable when stored at a low temperature.

Bacto-Kahn Standard Antigen

Bacto-Kahn Standard Antigen is recommended for the routine procedures of the Kahn test. Samples of each lot are tested in Dr. Kahn's laboratory and no lot is released without approval.

Bacto-Kahn Sensitized Antigen

Bacto-Kahn Sensitized Antigen is an extremely sensitive extract for use in the quantitative procedures of the Kahn system. No lot is released without approval from Dr. Kahn's laboratory.

Bacto-Eagle Antigen

Bacto-Eagle Antigen is prepared for use in the flocculation test devised by Dr. Harry Eagle. It is a stable and sensitive antigen, and has been approved for use in Dr. Eagle's laboratory.

Bacto-Hinton Antigen

Bacto-Hinton Antigen is a sensitive extract for use in the performance of the Hinton test. It is manufactured in strict accordance with Dr. Hinton's published directions.

Specify "DIFCO"

THE TRADE NAME OF THE PIONEERS
In the Research and Development of Bacto-Peptone and Dehydrated Culture Media

DIFCO LABORATORIES

INCORPORATED
DETROIT, MICHIGAN