ARTICLES

Rapid Assessment of the Distribution of Apolipoproteins C-II and C-III Subspecies in Triglyceride-Rich Lipoproteins by Isoelectric Focusing

M.J. Bugugnani, M. Kottigan, I. Kora, D. Ouvry, V. Clavey, and J.C. Fruchtart

Influence of Incomplete Cholesteryl Ester Hydrolysis on Enzymic Measurements of Cholesterol

Donald A. Wiebe and John T. Bernert, Jr.

Colorimetry of Hemoglobin in Plasma with 2,2'-Azino-di(3-ethylbenzothiazoline-6-sulfonic acid) (ABTS)

Miyuki Takayanagi and Tamotsu Yashiro

Differentiating Two Forms of Plasma Lipase by Use of Media with Different Ionic Strengths

P.L. Arzoglou, G. Férard, and P. Métails

Chemical and Clinical Evaluation of the Random Access Analyzer “RA-1000”

Morton K. Schwartz, Bernard E. Statland, Joan Couligh, Carolita Eisein, Martin Fleisher, Ralph Ito, Jacob B. Levine, Ronald Ng, Gina M. Pennachia, Herbert N. Rose, and Kathy Woolsey

Use of Monoclonal Antibodies in a Radioimmunoassay for Human Transcortin

Dirk Faicit and Pieter De Moor

Multicomponent Analysis of Hemoglobin Derivatives with a Reversed-Optics Spectrophotometer

A. Zwart, Anneke Buursma, E.J. van Kampen, and W.G. Zijlstra

Changes in Sodium and Urine Acid Concentrations in Plasma during the Menstrual Cycle

Michael Mira, Peter M. Stewart, Val Gebsky, Derek Llewellyn-Jones, and Suzanne F. Abraham

Brain-Specific Proteins: Solid-Phase Immunobimunescence Assay for Neuron-Specific Eolase in Human Plasma

K.-D. Gerbitz, J. Summer, and J. Thaller

Development of an Agarose Gel Electrophoresis Technique for Determining α-Amylase Isoenzymes

Vicki L. Royse and Donald M. Jensen

Rapid Semiquantitative Measurement of Total Porphyrins in Urine and Feces by Magnetic Circular Dichroism

Kathryn M. Ivanitch, Colin Movsowitz, and Michael R. Moore

Progress Report on a National Quality-Control Survey of Triiodothyronine and Thyroxin Assay

G.C. Zucchelli, A. Pilo, M.R. Chiesa, and M.A. Piro

An International Comparison of Vitamin D Metabolite Measurements


Reference Intervals for Serum Lipids, Lipoproteins, and Apoprotein in the Elderly

Concepcion Alvaraz, Aurora Orejas, Sophia Gonzalez, Rosa Diaz, and Luis F. Colomo

Profile of Creatine Kinase Isoenzymes in Skeletal Muscles of Marathon Runners

Pilar Gómez, Carmen Coca, Carmela Vargas, Jesús Acebillo, and Alberto Martinez

A Highly Sensitive Affinity-Column-Mediated Immunometric Assay, as Exemplified by Digoxin

Fred S. Apple, Marc A. Rogers, William M. Sherman, David L. Costill, Frederick C. Hageman, and John L. Ivy

J.W. Freytag, J.C. Dickinson, and S.Y. Tseng

continued on next page
Automated Kinetic Method for α-3-Hydroxybutyrate in Plasma or Serum

Use of High-Resolution Proton Nuclear Magnetic Resonance Spectroscopy for Rapid Multi-Component Analysis of Urine

Determination of Sodium and Potassium with Ion-Selective Electrodes

SCIENTIFIC NOTES

A Thrytropin Radioimmunoassay Kit Evaluated vs Two Reference Assays

Early Detection of Myocardial Infarction by an Immunoradiometric Procedure for Creatine Kinase MB

Cell Membrane Abnormality Detected in Erythrocytes from Patients with Multiple Sclerosis by Partition in Two-Polymer Aqueous-Phase Systems

Direct Analysis for Urinary Protein with BluReat Reagent, with Use of Urine Ultrafiltrate Blanking: Comparison with a Manual BluReat Method Involving Trichloroacetic Acid Precipitation

Quantification of Nonenzymically Glycated Albumin and Total Serum Protein by Affinity Chromatography

Digoxin-Like Immunoreactivity in Normal Human Plasma and Urine, as Detected by a Solid-Phase Radioimmunoassay

New Rapid Kit for Determining Calcium in Serum and Urine Evaluated

Neutral Carrier Electrode for Continuous Measurement of Blood Ca²⁺ in the Extracorporeal Circulation

Tartrate-Resistant Acid Phosphatase in Serum of Cancer Patients

Some Factors Affecting Determination of Carotenoids in Serum

A Densitometer Based on a Microcomputer and TV Camera, for Use in the Clinical Laboratory

Effect of Use of Gel-Barrier Sampling Tubes on Determination of Some Antiepileptic Drugs in Serum

Collection and Handling of 24-Hour Urine Specimens for Measurement of Analytes Related to Renal Calculi

Liquid-Chromatographic Determination of Eight Tri- and Tetracyclic Antidepressants and Their Major Active Metabolites

Sodium Dodecyl Sulfate Polyacrylamide Gel Electrophoresis of Serum after Protein Denaturation in the Presence or Absence of 2-Mercaptotethanol

Acetaldehyde–Hemoglobin Adducts: An Unreliable Marker of Alcohol Abuse

Effects of Residual Liquid Junction Potential in Direct Potentiometry of Potassium

Cecil H. McMurray, W. John Blanchflower, 421 and Desmond A. Rice

John R. Bales, Denise P. Higham, lan 426

Howe, Jeremy K. Nicholson, and Peter J. Sadler

Niels Fogh-Andersen, Peter D. Wimberley, 433

Jørgen Thode, and Ole Siggaard-Andersen

S. Thomas Bigos, A. Eugene Pekary, Jerri 437

MacLean, Charles E. Pierce, Allan W. Reed, and Jerome M. Hershman

Richard F. Dods 439

James M. Van Alstine and Donald E. 441 Brooks

John H. Eckfeldt, Marcia J. Kershaw, and 443 Irven I. Dahl

Randall W. Yatscoff, Gerald J.M. Te- 446 vaarwerk, and J. Courtney MacDonald

Silvana Balzan, Aldo Clerico, Maria 450 Grazia del Chicca, Umberto Montali, and 451 Sergio Ghione

Joseph E. Zerwekh and Michael J. Nicar 452

Peter Anker, Daniel Ammann, Peter C. 454 Meier, and Wilhelm Simon

Kwok-Wai Lam, Charles Dannaher, Steve 457 Letchford, Ted Eastlund, Chin-Yang Li, 458 and Lung-T Yam

Micheline M. Mathews-Roth and Meir J. 459 Stamper

Russell P. Tracy and Donald S. Young 462

Yngve Bergqvist, Solveig Eckerbom, and 465 Lars Funding

Ronald H. Ng, Mani Menon, and Jack H. 467 Ladenson

Tamara A. Sutfin, Robin D’Ambrosio, and 471 William J. Jusko

Thomas Marshall 475

Fadia R. Homaidan, Larry J. Kricka, 480 Penelope M.S. Clark, Stephen R. Jones, 485 and Thomas P. Whitehead

James W. Winkelman, Carey Merritt, W. 482 James Scott, Anand Kumar, and George Baum

continued on next page
Glycated Hemoglobin in Uremic Patients as Measured by Affinity and Ion-Exchange Chromatography

LETTERS

Serotonin Determined in Whole Blood by Liquid Chromatography with Electrochemical Detection

A Convenient Source of Creatine Kinase Isoenzyme BB

Amino-Terminal Propptides of Type III Procollagen in Seminal Fluid

Increasing Precision of High-Density-Lipoprotein Cholesterol Determination in Serum

Interpretation of Labeled-Analog Free Hormone Assay

Bilirubin Interferes with Uric Acid Determinations Involving Peroxidase-Mediated Reactions

Simplified Continuous-Flow Method for the Determination of Dialyzable Calcium

A General Microcomputer Program for Enzyme Immunoassay Data Reduction

More on Sex- and Age-Related Differences in Activity of Angiotensin-Covered Enzyme in Serum

Overestimation of Low Progesterone Concentrations by a Commercial Radioimmunoassay Kit

A Letter Debated

Effect of Isolated Decreases in Albumin and Prealbumin on Radioimmunoassay Results for Free Thyroxin in Nonthyroidal Illnesses

How to Increase smac I Productivity by at Least 15%

Electroimmunoassay of Prealbumin in Cerebrospinal Fluid

Qualitative Analysis of Affinity-Chromatographed Glycated Hemoglobin Eluate by Electrophoresis on Citrate Agar

Serum Adenosine Deaminase Activity Is Increased in Sarcoidosis

Seven Ferritin Kits Compared with Respect to the "Hook" Effect

Determination of Free Thyroxin and Triiodothyronine in "Subclinical" Hyperthyroidism and Hyperthyroidism

Prevalence of Serum Autoantibody Binding of Amerithryroxin Analog

Du Pont aca Urinary Protein Method: No Blank Problems

Thyrotropin as the Initial Screening Test for Thyroid Disease

Liquid Chromatography of Glycated Hemoglobins with the Dailichi HA-8110 Automated Analyzer

BOOK REVIEWS

The Clinical Chemist

J. Stanton King

509