

Keyword Index Vol. 820

α 1-Acid glycoprotein

Stability, pKa and plasma protein binding of roscovitine 821(2005)75

Abilify™

High performance liquid chromatographic methods for the determination of aripiprazole with ultraviolet detection in rat plasma and brain: Application to the pharmacokinetic study 821(2005)8

Acid protease

Features of the acid protease partition in aqueous two-phase systems of polyethylene glycol–phosphate: Chymosin and pepsin 821(2005)60

ADP-ribose

Determination of intracellular concentrations of the TRPM2 agonist ADP-ribose by reversed-phase HPLC 821(2005)181

Affinity chromatography

Quantification by affinity perfusion chromatography of phosphorylated BRCA1 and BRCA2 proteins from tumor cells after lycopene treatment 821(2005)188

AMPA receptor antagonist

SPE-HPLC determination of new tetrahydroisoquinoline derivatives in rat plasma 821(2005)15

***p*-Aminohippuric acid**

Determination of uric acid and *p*-aminohippuric acid in human saliva and urine using capillary electrophoresis with electrochemical detection. Potential application in fast diagnosis of renal disease 821(2005)229

Analysis

Liquid chromatography–tandem mass spectroscopy assay for quercetin and conjugated quercetin metabolites in human plasma and urine 821(2005)194

Anion exchange

High-performance purification of gelsolin from plasma using anion-exchange porous hollow-fiber membrane 821(2005)153

Anti tetanus immunoglobulin

HPLC and tandem detection to monitor conformational properties of biopharmaceuticals 821(2005)45

Antiretroviral

Simultaneous analysis of several antiretroviral nucleosides in rat-plasma by high-performance liquid chromatography with UV using acetic acid/hydroxylamine buffer. Test of this new volatile medium-pH for HPLC–ESI-MS/MS 821(2005)132

Aripiprazole

High performance liquid chromatographic methods for the determination of aripiprazole with ultraviolet detection in rat plasma and brain: Application to the pharmacokinetic study 821(2005)8

Bilirubin removal

Bilirubin removal from human plasma by Cibacron Blue F3GA using immobilized microporous affinity membranous capillary method 821(2005)112

Bilirubin

Bilirubin removal from human plasma by Cibacron Blue F3GA using immobilized microporous affinity membranous capillary method 821(2005)112

Bioequivalence test

Quantitation of niflumic acid in human plasma by high-performance liquid chromatography with ultraviolet absorbance detection and its application to a bioequivalence study of talniflumate tablets 821(2005)215

Biopharmaceuticals

HPLC and tandem detection to monitor conformational properties of biopharmaceuticals 821(2005)45

Blood compatibility

Bilirubin removal from human plasma by Cibacron Blue F3GA using immobilized microporous affinity membranous capillary method 821(2005)112

BRCA1

Quantification by affinity perfusion chromatography of phosphorylated BRCA1 and BRCA2 proteins from tumor cells after lycopene treatment 821(2005)188

BRCA2

Quantification by affinity perfusion chromatography of phosphorylated BRCA1 and BRCA2 proteins from tumor cells after lycopene treatment 821(2005)188

Breast cancer

Quantification by affinity perfusion chromatography of phosphorylated BRCA1 and BRCA2 proteins from tumor cells after lycopene treatment 821(2005)188

Caco-2 cells

Quantitative determination of cholesterol, sitosterol, and sitostanol in cultured Caco-2 cells by liquid chromatography–atmospheric pressure chemical ionization mass spectrometry 821(2005)144

Calcium ion

High-performance purification of gelsolin from plasma using anion-exchange porous hollow-fiber membrane 821(2005)153

Calcium signaling

Determination of intracellular concentrations of the TRPM2 agonist ADP-ribose by reversed-phase HPLC 821(2005)181

Capillary electrophoresis

Determination of 3-methylhistidine and 1-methylhistidine in untreated urine samples by capillary electrophoresis 821(2005)53

Determination of uric acid and *p*-aminohippuric acid in human saliva and urine using capillary electrophoresis with electrochemical detection. Potential application in fast diagnosis of renal disease 821(2005)229

Capillary zone electrophoresis

Separation and detection of vitellogenin in fish plasma by capillary zone electrophoresis 821(2005)38

Carboxylate

Simultaneous determination of the lactone and carboxylate forms of irinotecan (CPT-11) and its active metabolite SN-38 by high-performance liquid chromatography: Application to plasma pharmacokinetic studies in the rat 821(2005)221

Carboxylic acid metabolite of clopidogrel

Estimation of carboxylic acid metabolite of clopidogrel in Wistar rat plasma by HPLC and its application to a pharmacokinetic study 821(2005)173

Cellular uptake

Quantitative determination of cholesterol, sitosterol, and sitostanol in cultured Caco-2 cells by liquid chromatography–atmospheric pressure chemical ionization mass spectrometry 821(2005)144

Chlorins

Simple sensitive and simultaneous high-performance liquid chromatography method of glucoconjugated and non-glucoconjugated porphyrins and chlorins using near infra-red fluorescence detection 821(2005)166

Cholesterol

Quantitative determination of cholesterol, sitosterol, and sitostanol in cultured Caco-2 cells by liquid chromatography–atmospheric pressure chemical ionization mass spectrometry 821(2005)144

Chymosin

Features of the acid protease partition in aqueous two-phase systems of polyethylene glycol–phosphate: Chymosin and pepsin 821(2005)60

Cibacron Blue F3GA

Bilirubin removal from human plasma by Cibacron Blue F3GA using immobilized microporous affinity membranous capillary method 821(2005)112

Circular dichroism

HPLC and tandem detection to monitor conformational properties of biopharmaceuticals 821(2005)45

Cortisol

Automated on-line SPE LC–MS/MS method to quantitate 6beta-hydroxycortisol and cortisol in human urine: Use of the 6beta-hydroxycortisol to cortisol ratio as an indicator of CYP3A4 activity 821(2005)159

CYP3A4

Automated on-line SPE LC–MS/MS method to quantitate 6beta-hydroxycortisol and cortisol in human urine: Use of the 6beta-hydroxycortisol to cortisol ratio as an indicator of CYP3A4 activity 821(2005)159

13-*O*-demethyl tacrolimus

Determination of 13-*O*-demethyl tacrolimus in human liver microsomal incubates using liquid chromatography–mass spectrometric assay (LC–MS) 821(2005)31

***O*-Desmethyltramadol**

Improved HPLC method for the simultaneous determination of tramadol and *O*-desmethyltramadol in human plasma 821(2005)240

Derivatization

A simple liquid chromatographic method based on intramolecular excimer-forming derivatization and fluorescence detection for the determination of tyrosine and tyramine in urine 821(2005)88

Dipetarudin

Characterization of the urinary metabolites of dipetarudin 821(2005)210

Ecarin clotting time

Characterization of the urinary metabolites of dipetarudin 821(2005)210

Eggs

Simultaneous determination of nine fluoroquinolones in egg white and egg yolk by liquid chromatography with fluorescence detection 821(2005)202

Electrochemical detection

Determination of uric acid and *p*-aminohippuric acid in human saliva and urine using capillary electrophoresis with electrochemical detection. Potential application in fast diagnosis of renal disease 821(2005)229

Enzymes

Interference free and simplified liquid chromatography-based determination of thiopurine *S*-methyltransferase activity in erythrocytes 821(2005)105

Epimedin C

Determination of epimedin C in rat plasma by reversed-phase high-performance chromatography after oral administration of Herba Epimedii extract 821(2005)235

Equilibrium dialysis

Stability, pKa and plasma protein binding of roscovitine 821(2005)75

Ethoxycarbonylation

Simultaneous retention index analysis of urinary amino acids and carboxylic acids for graphic recognition of abnormal state 821(2005)94

Excimer fluorescence

A simple liquid chromatographic method based on intramolecular excimer-forming derivatization and fluorescence detection for the determination of tyrosine and tyramine in urine 821(2005)88

Fingerprint

Fingerprint analysis of *Psoralea corylifolia* L. by HPLC and LC–MS 821(2005)67

Fish plasma

Separation and detection of vitellogenin in fish plasma by capillary zone electrophoresis 821(2005)38

Flavonoid

Liquid chromatography–tandem mass spectroscopy assay for quercetin and conjugated quercetin metabolites in human plasma and urine 821(2005)194

Fluoroquinolones

Simultaneous determination of nine fluoroquinolones in egg white and egg yolk by liquid chromatography with fluorescence detection 821(2005)202

Gelsolin

High-performance purification of gelsolin from plasma using anion-exchange porous hollow-fiber membrane 821(2005)153

Gentamicin

LC/MS/MS measurement of gentamicin in bovine plasma, urine, milk, and biopsy samples taken from kidneys of standing animals 821(2005)22

Glucoconjugated

Simple sensitive and simultaneous high-performance liquid chromatography method of glucoconjugated and non-glucoconjugated porphyrins and chlorins using near infra-red fluorescence detection 821(2005)166

Herba Epimedii

Determination of epimedin C in rat plasma by reversed-phase high-performance chromatography after oral administration of Herba Epimedii extract 821(2005)235

HETP

Identification of the mass transfer mechanisms involved in the transport of human immunoglobulin-G in *N,N,N',N'*-ethylenediaminetetramethylenephosphonic acid-modified zirconia 821(2005)124

High performance liquid chromatography

Characterization of the urinary metabolites of dipetarudin 821(2005)210

High-performance liquid chromatography (HPLC)

Quantitation of niflumic acid in human plasma by high-performance liquid chromatography with ultraviolet absorbance detection and its application to a bioequivalence study of talniflumate tablets 821(2005)215

HIV plasma

Simultaneous analysis of several antiretroviral nucleosides in rat-plasma by high-performance liquid chromatography with UV using acetic acid/hydroxylamine buffer. Test of this new volatile medium-pH for HPLC-ESI-MS/MS 821(2005)132

HPLC

Fingerprint analysis of *Psoralea corylifolia* L. by HPLC and LC-MS 821(2005)67

Simultaneous analysis of several antiretroviral nucleosides in rat-plasma by high-performance liquid chromatography with UV using acetic acid/hydroxylamine buffer. Test of this new volatile medium-pH for HPLC-ESI-MS/MS 821(2005)132

Simple sensitive and simultaneous high-performance liquid chromatography method of glucoconjugated and non-glucoconjugated porphyrins and chlorins using near infra-red fluorescence detection 821(2005)166

Determination of intracellular concentrations of the TRPM2 agonist ADP-ribose by reversed-phase HPLC 821(2005)181

Determination of epimedin C in rat plasma by reversed-phase high-performance chromatography after oral administration of Herba Epimedii extract 821(2005)235

Simultaneous determination of the lactone and carboxylate forms of irinotecan (CPT-11) and its active metabolite SN-38 by high-performance liquid chromatography: Application to plasma pharmacokinetic studies in the rat 821(2005)221

(Reversed-phase) HPLC

HPLC and tandem detection to monitor conformational properties of biopharmaceuticals 821(2005)45

HPLC-APCI-MS

Quantitative determination of cholesterol, sitosterol, and sitostanol in cultured Caco-2 cells by liquid chromatography-atmospheric pressure chemical ionization mass spectrometry 821(2005)144

Human growth hormone

HPLC and tandem detection to monitor conformational properties of biopharmaceuticals 821(2005)45

Human liver microsome

Determination of 13-*O*-demethyl tacrolimus in human liver microsomal incubates using liquid chromatography-mass spectrometric assay (LC-MS) 821(2005)31

Human serum albumin

HPLC and tandem detection to monitor conformational properties of biopharmaceuticals 821(2005)45

Human urine

Automated on-line SPE LC-MS/MS method to quantitate 6beta-hydroxycortisol and cortisol in human urine: Use of the 6beta-hydroxycortisol to cortisol ratio as an indicator of CYP3A4 activity 821(2005)159

Hydroxylamine acetate buffer

Simultaneous analysis of several antiretroviral nucleosides in rat-plasma by high-performance liquid chromatography with UV using acetic acid/hydroxylamine buffer. Test of this new volatile medium-pH for HPLC-ESI-MS/MS 821(2005)132

6beta-Hydroxycortisol

Automated on-line SPE LC-MS/MS method to quantitate 6beta-hydroxycortisol and cortisol in human urine: Use of the 6beta-hydroxycortisol to cortisol ratio as an indicator of CYP3A4 activity 821(2005)159

1'-Hydroxymidazolam

Determination of midazolam and its major metabolite 1'-hydroxymidazolam by high-performance liquid chromatography-electrospray mass spectrometry in plasma from children 821(2005)1

Identification

Fingerprint analysis of *Psoralea corylifolia* L. by HPLC and LC-MS 821(2005)67

Immunoglobulin

Identification of the mass transfer mechanisms involved in the transport of human immunoglobulin-G in *N,N,N',N'*-ethylenediaminetetramethylenephosphonic acid-modified zirconia 821(2005)124

Immunoglobulins

Modeling of immunoglobulin uptake by *N,N,N',N'*-ethylenediaminetetramethylenephosphonic acid-modified zirconia particles under static and dynamic conditions 821(2005)81

Inherited metabolic disorders

Simultaneous retention index analysis of urinary amino acids and carboxylic acids for graphic recognition of abnormal state 821(2005)94

Interferon-alfa

HPLC and tandem detection to monitor conformational properties of biopharmaceuticals 821(2005)45

Intrinsic fluorescence

HPLC and tandem detection to monitor conformational properties of biopharmaceuticals 821(2005)45

Irinotecan

Simultaneous determination of the lactone and carboxylate forms of irinotecan (CPT-11) and its active metabolite SN-38 by high-performance liquid chromatography: Application to plasma pharmacokinetic studies in the rat 821(2005)221

K_{Ca} channels

Determination of intracellular concentrations of the TRPM2 agonist ADP-ribose by reversed-phase HPLC 821(2005)181

Kidney

LC/MS/MS measurement of gentamicin in bovine plasma, urine, milk, and biopsy samples taken from kidneys of standing animals 821(2005)22

Lactone

Simultaneous determination of the lactone and carboxylate forms of irinotecan (CPT-11) and its active metabolite SN-38 by high-performance liquid chromatography: Application to plasma pharmacokinetic studies in the rat 821(2005)221

LC/ESI/MS

Determination of 13-*O*-demethyl tacrolimus in human liver microsomal incubates using liquid chromatography–mass spectrometric assay (LC–MS) 821(2005)31

LC/MS/MS

Liquid chromatography–tandem mass spectroscopy assay for quercetin and conjugated quercetin metabolites in human plasma and urine 821(2005)194

LC

Simultaneous determination of nine fluoroquinolones in egg white and egg yolk by liquid chromatography with fluorescence detection 821(2005)202

LC–MS/MS

Automated on-line SPE LC–MS/MS method to quantitate 6beta-hydroxycortisol and cortisol in human urine: Use of the 6beta-hydroxycortisol to cortisol ratio as an indicator of CYP3A4 activity 821(2005)159

LC–MS

Fingerprint analysis of *Psoralea corylifolia* L. by HPLC and LC–MS 821(2005)67

LC–MS–MS

Stability, pKa and plasma protein binding of roscovitine 821(2005)75

Leukemia

Interference free and simplified liquid chromatography-based determination of thiopurine *S*-methyltransferase activity in erythrocytes 821(2005)105

Liquid chromatography

A simple liquid chromatographic method based on intramolecular excimer-forming derivatization and fluorescence detection for the determination of tyrosine and tyramine in urine 821(2005)88

Liquid chromatography-tandem mass spectrometry

LC/MS/MS measurement of gentamicin in bovine plasma, urine, milk, and biopsy samples taken from kidneys of standing animals 821(2005)22

Lycopene

Quantification by affinity perfusion chromatography of phosphorylated BRCA1 and BRCA2 proteins from tumor cells after lycopene treatment 821(2005)188

Mass spectrometry

Simultaneous analysis of several antiretroviral nucleosides in rat-plasma by high-performance liquid chromatography with UV using acetic acid/hydroxylamine buffer. Test of this new volatile medium-pH for HPLC–ESI-MS/MS 821(2005)132

Matrix assisted laser desorption/ionization time of flight

Characterization of the urinary metabolites of dipetarudin 821(2005)210

Membrane chromatography

High-performance purification of gelsolin from plasma using anion-exchange porous hollow-fiber membrane 821(2005)153

6-Mercaptopurine

Interference free and simplified liquid chromatography-based determination of thiopurine *S*-methyltransferase activity in erythrocytes 821(2005)105

Method

Simultaneous determination of nine fluoroquinolones in egg white and egg yolk by liquid chromatography with fluorescence detection 821(2005)202

Methoximation

Simultaneous retention index analysis of urinary amino acids and carboxylic acids for graphic recognition of abnormal state 821(2005)94

3-Methylhistidine

Determination of 3-methylhistidine and 1-methylhistidine in untreated urine samples by capillary electrophoresis 821(2005)53

Microporous membranous capillary

Bilirubin removal from human plasma by Cibacron Blue F3GA using immobilized microporous affinity membranous capillary method 821(2005)112

Midazolam

Determination of midazolam and its major metabolite 1'-hydroxymidazolam by high-performance liquid chromatography-electrospray mass spectrometry in plasma from children 821(2005)1

Milk

LC/MS/MS measurement of gentamicin in bovine plasma, urine, milk, and biopsy samples taken from kidneys of standing animals 821(2005)22

Mobility

Determination of 3-methylhistidine and 1-methylhistidine in untreated urine samples by capillary electrophoresis 821(2005)53

Modeling

Modeling of immunoglobulin uptake by *N,N,N',N'*-ethylenediaminetetramethylenephosphonic acid-modified zirconia particles under static and dynamic conditions 821(2005)81

MS data

Fingerprint analysis of *Psoralea corylifolia* L. by HPLC and LC–MS 821(2005)67

Niflumic acid

Quantitation of niflumic acid in human plasma by high-performance liquid chromatography with ultraviolet absorbance detection and its application to a bioequivalence study of talniflumate tablets 821(2005)215

Nucleoside

Simultaneous analysis of several antiretroviral nucleosides in rat-plasma by high-performance liquid chromatography with UV using acetic acid/hydroxylamine buffer. Test of this new volatile medium-pH for HPLC–ESI-MS/MS 821(2005)132

Olomoucine

Stability, pKa and plasma protein binding of roscovitine 821(2005)75

OPC-14597

High performance liquid chromatographic methods for the determination of aripiprazole with ultraviolet detection in rat plasma and brain: Application to the pharmacokinetic study 821(2005)8

***p*-Hydroxyphenylethylamino group containing compounds**

A simple liquid chromatographic method based on intramolecular excimer-forming derivatization and fluorescence detection for the determination of tyrosine and tyramine in urine 821(2005)88

Partition

Features of the acid protease partition in aqueous two-phase systems of polyethylene glycol–phosphate: Chymosin and pepsin 821(2005)60

Pepsin

Features of the acid protease partition in aqueous two-phase systems of polyethylene glycol–phosphate: Chymosin and pepsin 821(2005)60

Pharmacokinetic

SPE-HPLC determination of new tetrahydroisoquinoline derivatives in rat plasma 821(2005)15

Pharmacokinetics in children

Determination of midazolam and its major metabolite 1'-hydroxymidazolam by high-performance liquid chromatography–electrospray mass spectrometry in plasma from children 821(2005)1

Photodynamic therapy

Simple sensitive and simultaneous high-performance liquid chromatography method of glucoconjugated and non-glucoconjugated porphyrins and chlorins using near infra-red fluorescence detection 821(2005)166

Phytosterols

Quantitative determination of cholesterol, sitosterol, and sitostanol in cultured Caco-2 cells by liquid chromatography–atmospheric pressure chemical ionization mass spectrometry 821(2005)144

pKa

Stability, pKa and plasma protein binding of roscovitine 821(2005)75

Plasma

LC/MS/MS measurement of gentamicin in bovine plasma, urine, milk, and biopsy samples taken from kidneys of standing animals 821(2005)22

High-performance purification of gelsolin from plasma using anion-exchange porous hollow-fiber membrane 821(2005)153

Polymer brush

High-performance purification of gelsolin from plasma using anion-exchange porous hollow-fiber membrane 821(2005)153

Porphyrins

Simple sensitive and simultaneous high-performance liquid chromatography method of glucoconjugated and non-glucoconjugated porphyrins and chlorins using near infra-red fluorescence detection 821(2005)166

Protease inhibitors

Determination of 13-*O*-demethyl tacrolimus in human liver microsomal incubates using liquid chromatography–mass spectrometric assay (LC–MS) 821(2005)31

Protein conformation

HPLC and tandem detection to monitor conformational properties of biopharmaceuticals 821(2005)45

Pseudo-affinity matrix

Identification of the mass transfer mechanisms involved in the transport of human immunoglobulin-G in *N,N,N',N'*-ethylenediaminetetramethylenephosphonic acid-modified zirconia 821(2005)124

Pseudo-affinity separations

Modeling of immunoglobulin uptake by *N,N,N',N'*-ethylenediaminetetramethylenephosphonic acid-modified zirconia particles under static and dynamic conditions 821(2005)81

Psoralea corylifolia

Fingerprint analysis of *Psoralea corylifolia* L. by HPLC and LC–MS 821(2005)67

Pulse-injection

Identification of the mass transfer mechanisms involved in the transport of human immunoglobulin-G in *N,N,N',N'*-ethylenediaminetetramethylenephosphonic acid-modified zirconia 821(2005)124

Purification

High-performance purification of gelsolin from plasma using anion-exchange porous hollow-fiber membrane 821(2005)153

Quantification

LC/MS/MS measurement of gentamicin in bovine plasma, urine, milk, and biopsy samples taken from kidneys of standing animals 821(2005)22

Quercetin

Liquid chromatography–tandem mass spectroscopy assay for quercetin and conjugated quercetin metabolites in human plasma and urine 821(2005)194

Rat plasma

Estimation of carboxylic acid metabolite of clopidogrel in Wistar rat plasma by HPLC and its application to a pharmacokinetic study 821(2005)173

Renal disease

Determination of uric acid and *p*-aminohippuric acid in human saliva and urine using capillary electrophoresis with electrochemical detection. Potential application in fast diagnosis of renal disease 821(2005)229

Renal metabolism

Characterization of the urinary metabolites of dipetarudin 821(2005)210

Residue analysis

LC/MS/MS measurement of gentamicin in bovine plasma, urine, milk, and biopsy samples taken from kidneys of standing animals 821(2005)22

Retention index analysis

Simultaneous retention index analysis of urinary amino acids and carboxylic acids for graphic recognition of abnormal state 821(2005)94

Saliva

Determination of uric acid and *p*-aminohippuric acid in human saliva and urine using capillary electrophoresis with electrochemical detection. Potential application in fast diagnosis of renal disease 821(2005)229

SN-38

Simultaneous determination of the lactone and carboxylate forms of irinotecan (CPT-11) and its active metabolite SN-38 by high-performance liquid chromatography: Application to plasma pharmacokinetic studies in the rat 821(2005)221

Solid phase extraction

Determination of intracellular concentrations of the TRPM2 agonist ADP-ribose by reversed-phase HPLC 821(2005)181

Sotalol

Improved HPLC method for the simultaneous determination of tramadol and *O*-desmethyltramadol in human plasma 821(2005)240

SPE-HPLC

SPE-HPLC determination of new tetrahydroisoquinoline derivatives in rat plasma 821(2005)15

Tacrolimus

Determination of 13-*O*-demethyl tacrolimus in human liver microsomal incubates using liquid chromatography–mass spectrometric assay (LC–MS) 821(2005)31

Talniflumate

Quantitation of niflumic acid in human plasma by high-performance liquid chromatography with ultraviolet absorbance detection and its application to a bioequivalence study of talniflumate tablets 821(2005)215

Tandem-detection

HPLC and tandem detection to monitor conformational properties of biopharmaceuticals 821(2005)45

tert-Butyldimethylsilylation

Simultaneous retention index analysis of urinary amino acids and carboxylic acids for graphic recognition of abnormal state 821(2005)94

6-Thioguanine

Interference free and simplified liquid chromatography-based determination of thiopurine *S*-methyltransferase activity in erythrocytes 821(2005)105

Thiopurine S-methyltransferase

Interference free and simplified liquid chromatography-based determination of thiopurine *S*-methyltransferase activity in erythrocytes 821(2005)105

Tramadol

Improved HPLC method for the simultaneous determination of tramadol and *O*-desmethyltramadol in human plasma 821(2005)240

TRPM2

Determination of intracellular concentrations of the TRPM2 agonist ADP-ribose by reversed-phase HPLC 821(2005)181

Tyramine

A simple liquid chromatographic method based on intramolecular excimer-forming derivatization and fluorescence detection for the determination of tyrosine and tyramine in urine 821(2005)88

Tyrosine

A simple liquid chromatographic method based on intramolecular excimer-forming derivatization and fluorescence detection for the determination of tyrosine and tyramine in urine 821(2005)88

Ultrafiltration

Stability, pKa and plasma protein binding of roscovitine 821(2005)75

Untreated urine

Determination of 3-methylhistidine and 1-methylhistidine in untreated urine samples by capillary electrophoresis 821(2005)53

Uric acid

Determination of uric acid and *p*-aminohippuric acid in human saliva and urine using capillary electrophoresis with electrochemical detection. Potential application in fast diagnosis of renal disease 821(2005)229

Urinary amino acids and carboxylic acids

Simultaneous retention index analysis of urinary amino acids and carboxylic acids for graphic recognition of abnormal state 821(2005)94

Urine

LC/MS/MS measurement of gentamicin in bovine plasma, urine, milk, and biopsy samples taken from kidneys of standing animals 821(2005)22

A simple liquid chromatographic method based on intramolecular excimer-forming derivatization and fluorescence detection for the determination of tyrosine and tyramine in urine 821(2005)88

Determination of uric acid and *p*-aminohippuric acid in human saliva and urine using capillary electrophoresis with electrochemical detection. Potential application in fast diagnosis of renal disease 821(2005)229

Validation and pharmacokinetics

Estimation of carboxylic acid metabolite of clopidogrel in Wistar rat plasma by HPLC and its application to a pharmacokinetic study 821(2005)173

Validation

Quantitation of niflumic acid in human plasma by high-performance liquid chromatography with ultraviolet absorbance detection and its application to a bioequivalence study of talniflumate tablets 821(2005)215

Vitellogenin

Separation and detection of vitellogenin in fish plasma by capillary zone electrophoresis 821(2005)38

Zirconia

Modeling of immunoglobulin uptake by *N,N,N',N'*-ethylenediaminetetramethylenephosphonic acid-modified zirconia particles under static and dynamic conditions 821(2005)81

Identification of the mass transfer mechanisms involved in the transport of human immunoglobulin-G in *N,N,N',N'*-ethylenediaminetetramethylenephosphonic acid-modified zirconia 821(2005)124