

## Keyword Index Vol. 828

### ADMA

Comparison of HPLC method and commercial ELISA assay for asymmetric dimethylarginine (ADMA) determination in human serum 828(2005)97

### Agglutinin

A homotetrameric agglutinin with antiproliferative and mitogenic activities from haricot beans 828(2005)130

### Aminoglycosides

High-performance liquid chromatographic determination of vertilmicin in rat plasma using sensitive fluorometric derivatization 828(2005)2

### Androst-4-ene-3,6,17-trione

Quantitative analysis of androst-4-ene-3,6,17-trione and metabolites in human urine after the administration of a food supplement by liquid chromatography/ion trap-mass spectrometry 828(2005)21

### Androst-4-ene-6 $\alpha$ -ol-3,17-dione

Quantitative analysis of androst-4-ene-3,6,17-trione and metabolites in human urine after the administration of a food supplement by liquid chromatography/ion trap-mass spectrometry 828(2005)21

### Angiotensin II receptor antagonists

Biocompatible in-tube solid-phase microextraction coupled to HPLC for the determination of angiotensin II receptor antagonists in human plasma and urine 828(2005)62

### Anticholinergic drug

Liquid chromatography–tandem mass spectrometry method for determination of phencyonate in rat blood and urine 828(2005)75

### Betamethasone

Quantification of betamethasone in human plasma by liquid chromatography–tandem mass spectrometry using atmospheric pressure photoionization in negative mode 828(2005)27

### Biological fluids

Metabolic fingerprinting of rat urine by LC/MS Part 1. Analysis by hydrophilic interaction liquid chromatography–electrospray ionization mass spectrometry 828(2005)9

Metabolic fingerprinting of rat urine by LC/MS. Part 2. Data pretreatment methods for handling of complex data 828(2005)14

### Biomarker

Metabolic fingerprinting of rat urine by LC/MS Part 1. Analysis by hydrophilic interaction liquid chromatography–electrospray ionization mass spectrometry 828(2005)9

Metabolic fingerprinting of rat urine by LC/MS. Part 2. Data pretreatment methods for handling of complex data 828(2005)14

### *Brassica oleracea* seed

Purification of sulforaphane from *Brassica oleracea* seed meal using low-pressure column chromatography 828(2005)91

### Candesartan

Biocompatible in-tube solid-phase microextraction coupled to HPLC for the determination of angiotensin II receptor antagonists in human plasma and urine 828(2005)62

### Carbamazepine

Liquid chromatography–electrospray mass spectrometry determination of carbamazepine, oxcarbazepine and eight of their metabolites in human plasma 828(2005)80

### Characteristic

Application of microemulsion thin layer chromatography for the fingerprinting of licorice (*Glycyrrhiza* spp.) 828(2005)33

### Chemometrics

Metabolic fingerprinting of rat urine by LC/MS. Part 2. Data pretreatment methods for handling of complex data 828(2005)14

### Classification

Metabolic fingerprinting of rat urine by LC/MS. Part 2. Data pretreatment methods for handling of complex data 828(2005)14

### Corticosteroid

Quantification of betamethasone in human plasma by liquid chromatography–tandem mass spectrometry using atmospheric pressure photoionization in negative mode 828(2005)27

### Data pre-treatment

Metabolic fingerprinting of rat urine by LC/MS. Part 2. Data pretreatment methods for handling of complex data 828(2005)14

### Determination

Determination of glabridin in human plasma by solid-phase extraction and LC–MS/MS 828(2005)70

### Dimethyl benzoylphenylurea (BPU)

Validation and implementation of a liquid chromatography/tandem mass spectrometry assay to quantitate dimethyl benzoylphenylurea (BPU) and its five metabolites in human plasma and urine for clinical pharmacology studies 828(2005)41

### Dimethylformamide

Development of a solid phase microextraction–gas chromatography method to determine *N*-hydroxymethyl-*N*-methylformamide and *N*-methylformamide in urine 828(2005)103

**Doping**

Quantitative analysis of androst-4-ene-3,6,17-trione and metabolites in human urine after the administration of a food supplement by liquid chromatography/ion trap-mass spectrometry 828(2005)21

**ELISA**

Comparison of HPLC method and commercial ELISA assay for asymmetric dimethylarginine (ADMA) determination in human serum 828(2005)97

**Felbamate**

Simultaneous liquid chromatographic determination of lamotrigine, oxcarbazepine monohydroxy derivative and felbamate in plasma of patients with epilepsy 828(2005)113

**Fingerprint**

Application of microemulsion thin layer chromatography for the fingerprinting of licorice (*Glycyrrhiza* spp.) 828(2005)33

**Flavonoid**

Determination of glabridin in human plasma by solid-phase extraction and LC-MS/MS 828(2005)70

9-Fluorenylmethyl chloroformate

High-performance liquid chromatographic determination of vertilmicin in rat plasma using sensitive fluorometric derivatization 828(2005)2

**Fluorescence**

High-performance liquid chromatographic determination of vertilmicin in rat plasma using sensitive fluorometric derivatization 828(2005)2

**GC-SPME**

Development of a solid phase microextraction-gas chromatography method to determine *N*-hydroxymethyl-*N*-methylformamide and *N*-methylformamide in urine 828(2005)103

**Glabridin**

Determination of glabridin in human plasma by solid-phase extraction and LC-MS/MS 828(2005)70

***Glycyrrhiza glabra* L.**

Determination of glabridin in human plasma by solid-phase extraction and LC-MS/MS 828(2005)70

**Haricot bean**

A homotetrameric agglutinin with antiproliferative and mitogenic activities from haricot beans 828(2005)130

**High-performance liquid chromatography**

High-performance liquid chromatographic determination of vertilmicin in rat plasma using sensitive fluorometric derivatization 828(2005)2

**High-throughput profiling**

Metabolic fingerprinting of rat urine by LC/MS Part 1. Analysis by hydrophilic interaction liquid chromatography-electrospray ionization mass spectrometry 828(2005)9

Metabolic fingerprinting of rat urine by LC/MS. Part 2. Data pretreatment methods for handling of complex data 828(2005)14

**HILIC**

Metabolic fingerprinting of rat urine by LC/MS Part 1. Analysis by hydrophilic interaction liquid chromatography-electrospray ionization mass spectrometry 828(2005)9

Metabolic fingerprinting of rat urine by LC/MS. Part 2. Data pretreatment methods for handling of complex data 828(2005)14

**Homocysteine**

Adaptation of a high-performance liquid chromatographic method for quantitative determination of homocysteine in urine 828(2005)122

**HPLC**

Comparison of HPLC method and commercial ELISA assay for asymmetric dimethylarginine (ADMA) determination in human serum 828(2005)97

Determination and validation of a simple high-performance liquid chromatographic method for simultaneous assay of iprodione and vinclozolin in human urine 828(2005)108

Adaptation of a high-performance liquid chromatographic method for quantitative determination of homocysteine in urine 828(2005)122

**HPLC analysis**

Simultaneous liquid chromatographic determination of lamotrigine, oxcarbazepine monohydroxy derivative and felbamate in plasma of patients with epilepsy 828(2005)113

**Human plasma**

Quantification of betamethasone in human plasma by liquid chromatography-tandem mass spectrometry using atmospheric pressure photoionization in negative mode 828(2005)27

Determination of glabridin in human plasma by solid-phase extraction and LC-MS/MS 828(2005)70

**Human urine**

Determination and validation of a simple high-performance liquid chromatographic method for simultaneous assay of iprodione and vinclozolin in human urine 828(2005)108

**Hydrophilic interaction**

Metabolic fingerprinting of rat urine by LC/MS Part 1. Analysis by hydrophilic interaction liquid chromatography-electrospray ionization mass spectrometry 828(2005)9

Metabolic fingerprinting of rat urine by LC/MS. Part 2. Data pretreatment methods for handling of complex data 828(2005)14

**In-tube SPME**

Biocompatible in-tube solid-phase microextraction coupled to HPLC for the determination of angiotensin II receptor antagonists in human plasma and urine 828(2005)62

**Irbesartan**

Biocompatible in-tube solid-phase microextraction coupled to HPLC for the determination of angiotensin II receptor antagonists in human plasma and urine 828(2005)62

**Isolation**

A homotetrameric agglutinin with antiproliferative and mitogenic activities from haricot beans 828(2005)130

**Lamotrigine**

Simultaneous liquid chromatographic determination of lamotrigine, oxcarbazepine monohydroxy derivative and felbamate in plasma of patients with epilepsy 828(2005)113

**L-Arginine**

Comparison of HPLC method and commercial ELISA assay for asymmetric dimethylarginine (ADMA) determination in human serum 828(2005)97

**LC/MS**

Metabolic fingerprinting of rat urine by LC/MS Part 1. Analysis by hydrophilic interaction liquid chromatography–electrospray ionization mass spectrometry 828(2005)9

Metabolic fingerprinting of rat urine by LC/MS. Part 2. Data pretreatment methods for handling of complex data 828(2005)14

Determination of schizandrin in rat plasma by high-performance liquid chromatography–mass spectrometry and its application in rat pharmacokinetic studies 828(2005)55

**LC/MS/MS**

Validation and implementation of a liquid chromatography/tandem mass spectrometry assay to quantitate dimethyl benzoylphenylurea (BPU) and its five metabolites in human plasma and urine for clinical pharmacology studies 828(2005)41

**LC–MS/MS**

Determination of glabridin in human plasma by solid-phase extraction and LC–MS/MS 828(2005)70

Determination of telmisartan in human plasma by liquid chromatography–tandem mass spectrometry 828(2005)126

**L-Homoarginine**

Comparison of HPLC method and commercial ELISA assay for asymmetric dimethylarginine (ADMA) determination in human serum 828(2005)97

**Licorice**

Application of microemulsion thin layer chromatography for the fingerprinting of licorice (*Glycyrrhiza* spp.) 828(2005)33

Determination of glabridin in human plasma by solid-phase extraction and LC–MS/MS 828(2005)70

**Liquid chromatography**

Biocompatible in-tube solid-phase microextraction coupled to HPLC for the determination of angiotensin II receptor antagonists in human plasma and urine 828(2005)62

**Liquid chromatography–mass spectrometry**

Liquid chromatography–tandem mass spectrometry method for determination of phencyonate in rat blood and urine 828(2005)75

Liquid chromatography–electrospray mass spectrometry determination of carbamazepine, oxcarbazepine and eight of their metabolites in human plasma 828(2005)80

**Losartan**

Biocompatible in-tube solid-phase microextraction coupled to HPLC for the determination of angiotensin II receptor antagonists in human plasma and urine 828(2005)62

**Low-pressure column chromatography (LPCC)**

Purification of sulforaphane from *Brassica oleracea* seed meal using low-pressure column chromatography 828(2005)91

**Metabolic fingerprints**

Metabolic fingerprinting of rat urine by LC/MS Part 1. Analysis by hydrophilic interaction liquid chromatography–electrospray ionization mass spectrometry 828(2005)9

Metabolic fingerprinting of rat urine by LC/MS. Part 2. Data pretreatment methods for handling of complex data 828(2005)14

**Metabolic profiling**

Metabolic fingerprinting of rat urine by LC/MS Part 1. Analysis by hydrophilic interaction liquid chromatography–electrospray ionization mass spectrometry 828(2005)9

Metabolic fingerprinting of rat urine by LC/MS. Part 2. Data pretreatment methods for handling of complex data 828(2005)14

**Metabolite profiling**

Metabolic fingerprinting of rat urine by LC/MS Part 1. Analysis by hydrophilic interaction liquid chromatography–electrospray ionization mass spectrometry 828(2005)9

Metabolic fingerprinting of rat urine by LC/MS. Part 2. Data pretreatment methods for handling of complex data 828(2005)14

**Metabolites**

Liquid chromatography–electrospray mass spectrometry determination of carbamazepine, oxcarbazepine and eight of their metabolites in human plasma 828(2005)80

**Metabolomics**

Metabolic fingerprinting of rat urine by LC/MS Part 1. Analysis by hydrophilic interaction liquid chromatography–electrospray ionization mass spectrometry 828(2005)9

Metabolic fingerprinting of rat urine by LC/MS. Part 2. Data pretreatment methods for handling of complex data 828(2005)14

**Metabonomics**

Metabolic fingerprinting of rat urine by LC/MS Part 1. Analysis by hydrophilic interaction liquid chromatography–electrospray ionization mass spectrometry 828(2005)9

Metabolic fingerprinting of rat urine by LC/MS. Part 2. Data pretreatment methods for handling of complex data 828(2005)14

**Microemulsion thin layer chromatography**

Application of microemulsion thin layer chromatography for the fingerprinting of licorice (*Glycyrrhiza* spp.) 828(2005)33

**Monolithic capillary**

Biocompatible in-tube solid-phase microextraction coupled to HPLC for the determination of angiotensin II receptor antagonists in human plasma and urine 828(2005)62

**N-Hydroxymethyl-N-methylformamide**

Development of a solid phase microextraction–gas chromatography method to determine *N*-hydroxymethyl-*N*-methylformamide and *N*-methylformamide in urine 828(2005)103

**N-Methylformamide**

Development of a solid phase microextraction–gas chromatography method to determine *N*-hydroxymethyl-*N*-methylformamide and *N*-methylformamide in urine 828(2005)103

**Oxcarbazepine**

Liquid chromatography–electrospray mass spectrometry determination of carbamazepine, oxcarbazepine and eight of their metabolites in human plasma 828(2005)80

**Oxcarbazepine main active metabolite**

Simultaneous liquid chromatographic determination of lamotrigine, oxcarbazepine monohydroxy derivative and felbamate in plasma of patients with epilepsy 828(2005)113

**Pesticides**

Determination and validation of a simple high-performance liquid chromatographic method for simultaneous assay of iprodione and vinclozolin in human urine 828(2005)108

**Pharmacokinetics**

High-performance liquid chromatographic determination of vertilmicin in rat plasma using sensitive fluorometric derivatization 828(2005)2

Validation and implementation of a liquid chromatography/tandem mass spectrometry assay to quantitate dimethyl benzoylphenylurea (BPU) and its five metabolites in human plasma and urine for clinical pharmacology studies 828(2005)41

Determination of schizandrin in rat plasma by high-performance liquid chromatography–mass spectrometry and its application in rat pharmacokinetic studies 828(2005)55

**Phencynonate**

Liquid chromatography–tandem mass spectrometry method for determination of phencynonate in rat blood and urine 828(2005)75

**Photospray**

Quantification of betamethasone in human plasma by liquid chromatography–tandem mass spectrometry using atmospheric pressure photoionization in negative mode 828(2005)27

**Plasma**

Determination of schizandrin in rat plasma by high-performance liquid chromatography–mass spectrometry and its application in rat pharmacokinetic studies 828(2005)55

**Poly (methacrylic acid-ethylene glycol dimethacrylate)**

Biocompatible in-tube solid-phase microextraction coupled to HPLC for the determination of angiotensin II receptor antagonists in human plasma and urine 828(2005)62

**Purification**

Purification of sulforaphane from *Brassica oleracea* seed meal using low-pressure column chromatography 828(2005)91

**Quantification**

Liquid chromatography–tandem mass spectrometry method for determination of phencynonate in rat blood and urine 828(2005)75

**Rat blood**

Liquid chromatography–tandem mass spectrometry method for determination of phencynonate in rat blood and urine 828(2005)75

**Schizandrin**

Determination of schizandrin in rat plasma by high-performance liquid chromatography–mass spectrometry and its application in rat pharmacokinetic studies 828(2005)55

**SDMA**

Comparison of HPLC method and commercial ELISA assay for asymmetric dimethylarginine (ADMA) determination in human serum 828(2005)97

**Sildenafil**

Liquid chromatographic-tandem mass spectrometric method for the quantitation of sildenafil in human plasma 828(2005)118

**Solid phase extraction (SPE)**

Determination of schizandrin in rat plasma by high-performance liquid chromatography–mass spectrometry and its application in rat pharmacokinetic studies 828(2005)55

Determination of glabridin in human plasma by solid-phase extraction and LC–MS/MS 828(2005)70

**SPE**

Determination and validation of a simple high-performance liquid chromatographic method for simultaneous assay of iprodione and vinclozolin in human urine 828(2005)108

**Sulforaphane**

Purification of sulforaphane from *Brassica oleracea* seed meal using low-pressure column chromatography 828(2005)91

**Telmisartan**

Biocompatible in-tube solid-phase microextraction coupled to HPLC for the determination of angiotensin II receptor antagonists in human plasma and urine 828(2005)62

Determination of telmisartan in human plasma by liquid chromatography–tandem mass spectrometry 828(2005)126

**Therapeutic drug monitoring**

Simultaneous liquid chromatographic determination of lamotrigine, oxcarbazepine monohydroxy derivative and felbamate in plasma of patients with epilepsy 828(2005)113

**Urine**

Quantitative analysis of androst-4-ene-3,6,17-trione and metabolites in human urine after the administration of a food supplement by liquid chromatography/ion trap–mass spectrometry 828(2005)21

Adaptation of a high-performance liquid chromatographic method for quantitative determination of homocysteine in urine 828(2005)122

**Validation**

Determination of glabridin in human plasma by solid-phase extraction and LC–MS/MS 828(2005)70

Liquid chromatography–electrospray mass spectrometry determination of carbamazepine, oxcarbazepine and eight of their metabolites in human plasma 828(2005)80

**Valsartan**

Biocompatible in-tube solid-phase microextraction coupled to HPLC for the determination of angiotensin II receptor antagonists in human plasma and urine 828(2005)62

**Vertilmicin**

High-performance liquid chromatographic determination of vertilmicin in rat plasma using sensitive fluorometric derivatization 828(2005)2

**ZIC®-HILIC column**

Metabolic fingerprinting of rat urine by LC/MS Part 1. Analysis by hydrophilic interaction liquid chromatography–electrospray ionization mass spectrometry 828(2005)9

**ZIC-HILIC column**

Metabolic fingerprinting of rat urine by LC/MS. Part 2. Data pretreatment methods for handling of complex data 828(2005)14