

SCIEX 治疗药物监测 (TDM) 发表文章目录 (第四卷)



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抗结核药物

1. Development and validation of a hydrophilic interaction liquid chromatography-tandem mass spectrometry method for determination of isoniazid in human plasma. *Journal of Chromatography B*.
2. Simultaneous estimation of pharmacokinetic properties in mice of three anti-tubercular ethambutol analogs obtained from combinatorial lead optimization. *Journal of Pharmaceutical and Biomedical Analysis*.
3. Liquid chromatography-tandem mass spectrometry for the quantification of moxifloxacin, ciprofloxacin, daptomycin, caspofungin, and isavuconazole in human plasma. *Journal of Pharmaceutical and Biomedical Analysis*.
4. Simultaneous quantification of four first line antitubercular drugs and metabolites in human plasma by hydrophilic interaction chromatography and tandem mass spectrometry. *Journal of Chromatography B*.
5. Development and validation of a selective and sensitive LC-MS/MS method for determination of cycloserine in human plasma: Application to bioequivalence study. *Journal of Chromatography B*.
6. A rapid and robust liquid chromatography/tandem mass spectrometry method for simultaneous analysis of anti-tuberculosis drugs-Ethambutol and pyrazinamide in human plasma. *Journal of Chromatography B*.
7. A rapid and sensitive liquid chromatography-tandem mass spectrometric assay for cycloserine in 50 μ L of human plasma: Its pharmacokinetic application. *Journal of Pharmaceutical and Biomedical Analysis*.
8. Development and validation of a LC-MS/MS method for D-cycloserine determination in human plasma for bioequivalence study. *Anal Bioanal Chem*.
9. Pharmacokinetics of isoniazid, rifampicin, pyrazinamide and ethambutol in

Indian children. BMC Infectious Diseases .

10. Development and validation of a hydrophilic interaction liquid chromatography-tandem mass spectrometry method for the simultaneous determination of five first-line antituberculosis drugs in plasma. Anal Bioanal Chem.
11. Determination of moxifloxacin in human plasma by liquid chromatography electrospray ionization tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis.
12. Simple and accurate quantitative analysis of 20 anti-tuberculosis drugs in human plasma using liquid chromatography-electrospray ionization-tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis.
13. LC-MS/MS 法测定对氨基水杨酸浓度及在大鼠组织分布研究中的应用. 中国临床药理学与治疗学.
14. 液质联用法测定抗结核药物血药浓度. 临床合理用药.
15. 超高效液相色谱质谱联用法测定儿童血浆中利福平、利福喷丁和利福布汀的浓度研究. 中国临床药理学杂志.

抗生素类

1. Determination of free and liposomal Amphotericin B in human plasma by liquid chromatography-mass spectroscopy with solid phase extraction and protein precipitation techniques. *Journal of Chromatography B*.
2. A newly identified derivative of amphotericin B: isolation, structure determination and primary evaluation of the activity and toxicity. *The Journal of Antibiotics*.
3. Sensitive, Accurate and Simple Liquid Chromatography-Tandem Mass Spectrometric Method for the Quantitation of Amphotericin B in Human or Minipig Plasma. *Journal of Chromatographic Science*.
4. UPLC-MS/MS法测定人血浆中亚胺培南浓度. *药物分析杂志*.
5. 液相色谱-串联质谱法测定人血浆中阿米卡星、地塞米松和利巴韦林的浓度. *中国药学杂志*.

抗真菌类

1. A sensitive liquid chromatography and mass spectrometry method for the determination of posaconazole in human plasma. *Journal of Pharmaceutical and Biomedical Analysis*.
2. Development and validation of a liquid chromatography-tandem mass spectrometry (LC-MS/MS) assay to quantify serum voriconazole. *Journal of Chromatography B*.
3. Quantitative Determination of Fluconazole by Ultra Performance Liquid Chromatography Tandem Mass Spectrometry (UPLC-MS/MS) in Human Plasma and its Application to a Pharmacokinetic Study. *Drug Research*.
4. Simultaneous determination of itraconazole and hydroxyitraconazole in human plasma by liquid chromatography-isotope dilution tandem mass spectrometry method. *Biomed. Chromatogr.*
5. The combination effects of phenolic compounds and fluconazole on the formation of ergosterol in *Candida albicans* determined by high-performance liquid chromatography/tandem mass spectrometry. *Analytical Biochemistry*.
6. Ultra-performance liquid chromatography electrospray ionization-tandem mass spectrometry method for the simultaneous determination of itraconazole and hydroxy itraconazole in human plasma. *Journal of Pharmaceutical Analysis*.

免疫抑制剂类

1. Immunosuppressive drugs in whole blood: validation of a commercially available LC-MS/MS kit and comparison with immunochemical assays. Rapid Commun Mass Spectrom.
2. A novel and Rapid LC-MS/MS assay for the Determination of Mycophenolate and Mycophenolic Acid in Human Plasma. Journal of Young Pharmacists
3. HPLC-MS/MS法测定全血中他克莫司的浓度. 中国药物应用与监测.
4. 高效液相色谱-联质谱法在他克莫司临床血药浓度监测中的应用. 质谱学报.
5. HPLC-MS/MS法测定白血病患者血浆白消安浓度. 医学检验与临床.
6. LC-MS/MS法测定人血浆中白消安的浓度. 药物分析杂志.

抗病毒类

1. A liquid chromatography-tandem mass spectrometry assay for quantification of nevirapine, indinavir, atazanavir, amprenavir, saquinavir, ritonavir, lopinavir, efavirenz, tipranavir, darunavir and maraviroc in the plasma of patients infected with HIV. *Journal of Chromatography B*.
2. A Sensitive and Selective Liquid Chromatography/Tandem Mass Spectrometry Method for Quantitative Analysis of Efavirenz in Human Plasma. *PLOS ONE*.
3. A sensitive combined assay for the quantification of paclitaxel, docetaxel and ritonavir in human plasma using liquid chromatography coupled with tandem mass spectrometry. *Journal of Chromatography B*.
4. A Simple, Efficient, and Sensitive Method for Simultaneous Detection of Anti-HIV Drugs Atazanavir, Ritonavir, and Tenofovir by Use of Liquid Chromatography-Tandem Mass Spectrometry. *Antimicrobial Agents and Chemotherapy*.
5. A validated liquid chromatography tandem mass spectrometry method for the analysis of efavirenz in 0.2 mg hair samples from HIV-infected patients. *Rapid Communications in Mass Spectrometry*.
6. Determination of lopinavir cerebral spinal fluid and plasma ultrafiltrate concentrations by liquid chromatography coupled to tandem mass spectrometry. *Journal of Pharmaceutical and Biomedical Analysis*.
7. High-performance liquid chromatography-tandem mass spectrometry for simultaneous determination of raltegravir, dolutegravir, and elvitegravir concentrations in human plasma and cerebrospinal fluid samples. *Biomedical Chromatography*.
8. Lack of specificity for the analysis of raltegravir using online sample clean-up liquid chromatography-electrospray tandem mass spectrometry. *Journal of*

Chromatography B.

9. Mass Spectrometry Imaging Reveals Heterogeneous Efavirenz Distribution within Putative HIV Reservoirs. *Antimicrobial Agents and Chemotherapy*.
10. Novel Liquid Chromatography-Tandem Mass Spectrometry Method for Simultaneous Detection of Anti-HIV Drugs Lopinavir, Ritonavir, and Tenofovir in Plasma. *Antimicrobial Agents and Chemotherapy*.
11. Rapid identification of efavirenz metabolites in rats and humans by ultra high performance liquid chromatography combined with quadrupole time-of-flight tandem mass spectrometry. *Journal of separation science*.
12. Selective and rapid determination of raltegravir in human plasma by liquid chromatography-tandem mass spectrometry in the negative ionization mode. *Journal of Pharmaceutical Analysis*.
13. Sensitive analysis of anti-HIV drugs, efavirenz, lopinavir and ritonavir, in human hair by liquid chromatography coupled with tandem mass spectrometry. *Rapid Communications in Mass Spectrometry*.
14. Simultaneous quantification of a non-nucleoside reverse transcriptase inhibitor efavirenz, a nucleoside reverse transcriptase inhibitor emtricitabine and a nucleotide reverse transcriptase inhibitor tenofovir in plasma by liquid chromatography positive ion electrospray tandem mass spectrometry. *Biomed. Chromatogr.*
15. Simultaneous quantitation of azole antifungals, antibiotics, imatinib, and raltegravir in human plasma by two-dimensional high-performance liquid chromatography-tandem mass spectrometry. *Journal of Chromatography B*.

其他类

1. A mixed-mode liquid chromatography-tandem mass spectrometric method for the determination of cytarabine in mouse plasma. *Journal of Chromatography B*.
2. An ion-pairing liquid chromatography/tandem mass spectrometric method for the determination of cytarabine in mouse plasma. *Rapid Communications in Mass Spectrometry*.
3. HPLC-MS/MS method for the simultaneous determination of MB07133 and its metabolites, cytarabine and arabinofuranosyluracil, in rat plasma. *Journal of Pharmaceutical and Biomedical Analysis*.
4. HPLC-MS/MS method for the determination of cytarabine in human plasma. *Bioanalysis*.
5. UFLC-MS/MS法测定氨茶碱制剂中的氨茶碱含量. *药品检验*.
6. LC-MS/MS法同时测定人血浆中4种茶碱类药物浓度. *中国临床药理学杂志*.
7. Simultaneous determination of 11 phytoestrogens in human serum using a 2 min liquid chromatography/tandem mass spectrometry method. *Journal of Chromatography B*.
8. Development of chiral liquid chromatography-tandem mass spectrometry isotope dilution methods for the determination of unconjugated and total S-equol in human plasma and urine. *Journal of Pharmaceutical and Biomedical Analysis*.
9. Long-Term Dietary Habits Affect Soy Isoflavone Metabolism and Accumulation in Prostatic Fluid in Caucasian Men. *Journal of Nutrition*.
10. Determination of urinary phytoestrogens by HPLC-MS/MS: A comparison of atmospheric pressure chemical ionization (APCI) and electrospray ionization

(ESI). Journal of chromatography B.

11. Inulin Effects on Bioavailability of Soy Isoflavones and Their Calcium Absorption Enhancing Ability. J. Agric. Food Chem.
12. Therapeutic monitoring of serum digoxin for patients with heart failure using a rapid LC-MS/MS method. Clinical Biochemistry .
13. 液相色谱-串联质谱法测定地高辛及其室间质量评价. 检验医学.

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