

SCIEX 临床检测项目发表文章目录 (第二卷)



主要内容

SCIEX 临床检测项目发表文章目录 (第二卷)

1. 甲状腺激素	3.
2. 儿茶酚胺类	5.

甲状腺激素

1. Trimester-specific reference intervals for thyroxine and triiodothyronine in pregnancy in iodine-sufficient women using isotope dilution tandem mass spectrometry and immunoassays. *Clinica Chimica Acta*.
2. Simultaneous quantification of free triiodothyronine and free thyroxine by isotope dilution tandem mass spectrometry. *Clinical biochemistry*.
3. Trimester-specific changes in maternal thyroid hormone, thyrotropin, and thyroglobulin concentrations during gestation: trends and associations across trimesters in iodine sufficiency. *Thyroid*.
4. Correlation between Serum Levels of 3, 3', 5' -Triiodothyronine and Thyroid Hormones Measured by Liquid Chromatography-Tandem Mass Spectrometry and Immunoassay. *PloS one*.
5. Isotope dilution tandem mass spectrometric method for T4/T3. *Clinica chimica acta*.
6. Differences between measurements of T4 and T3 in pregnant and nonpregnant women using isotope dilution tandem mass spectrometry and immunoassays: are there clinical implications? *Clinica chimica acta*.
7. The measurement of free thyroxine by isotope dilution tandem mass spectrometry. *Clinica chimica acta*.
8. Analysis of thyroid hormones in serum of Baikal seals and humans by liquid chromatography-tandem mass spectrometry (LC-MS/MS) and immunoassay methods: application of the LC-MS/MS method to wildlife tissues. *Environmental science & technology*.
9. Developmental triclosan exposure decreases maternal, fetal, and early neonatal thyroxine: a dynamic and kinetic evaluation of a putative mode-of-ac-

tion. Toxicology.

10. Tandem mass spectrometry improves the accuracy of free thyroxine measurements during pregnancy. Thyroid.
11. Differences between measurements of T4 and T3 in pregnant and nonpregnant women using isotope dilution tandem mass spectrometry and immunoassays: are there clinical implications?. Clinica chimica acta.
12. Relationship of urinary phthalate metabolites with serum thyroid hormones in pregnant women and their newborns: a prospective birth cohort in Taiwan. PloS one.
13. A pilot study: subclinical hypothyroidism and free thyroid hormone measurement by immunoassay and mass spectrometry. Clinica Chimica Acta.
14. Inverse log-linear relationship between thyroid-stimulating hormone and free thyroxine measured by direct analog immunoassay and tandem mass spectrometry. Clinical chemistry.
15. Quantification of thyroxine and 3, 5, 3' -triiodo-thyronine in human and animal hearts by a novel liquid chromatography-tandem mass spectrometry method. Hormone and Metabolic Research.
16. Free Thyroid Hormones in Serum by Direct Equilibrium Dialysis and Online Solid-Phase Extraction–Liquid Chromatography/Tandem Mass Spectrometry. Clinical Chemistry.
17. Determination of free thyroid hormones in animal serum/plasma using ultrafiltration in combination with ultra-fast liquid chromatography-tandem mass spectrometry. Journal of Chromatography A.

儿茶酚胺类激素

1. Simultaneous determination of sixteen underivatized biogenic amines in human urine by HPLC-MS/MS. Analytical and bioanalytical chemistry.
2. Quantitative determination of adrenaline and noradrenaline in urine using liquid chromatography-tandem mass spectrometry. Chromatographia.
3. Measurement of plasma free metanephrine and normetanephrine by liquid chromatography-tandem mass spectrometry for diagnosis of pheochromocytoma. Clinical chemistry.
4. Validation of liquid chromatography-tandem mass spectrometry method for analysis of urinary conjugated metanephrine and normetanephrine for screening of pheochromocytoma. Clinical chemistry.
5. Pre-analytical and analytical validations and clinical applications of a miniaturized, simple and cost-effective solid phase extraction combined with LC-MS/MS for the simultaneous determination of catecholamines and metanephrines in spot urine samples. Talanta.
6. Analysis of plasma 3-methoxytyramine, normetanephrine and metanephrine by ultraperformance liquid chromatography tandem mass spectrometry: utility for diagnosis of dopamine-producing metastatic phaeochromocytoma. Annals of clinical biochemistry.
7. Development and validation of a specific and sensitive LC-MS/MS method for quantification of urinary catecholamines and application in biological variation studies. Analytical and bioanalytical chemistry.
8. Interference from 3-O-Methyldopa with Ultra-High Performance LC-MS/MS Measurements of Plasma Metanephrines: Chromatographic Separation Remains Important. Clinical chemistry.

9. Simultaneous liquid chromatography tandem mass spectrometric determination of urinary free metanephrines and catecholamines, with comparisons of free and deconjugated metabolites. *Clinica Chimica Acta*.
10. Diethylation labeling combined with UPLC/MS/MS for simultaneous determination of a panel of monoamine neurotransmitters in rat prefrontal cortex microdialysates. *Analytical chemistry*.
11. Simultaneous determination of plasma epinephrine and norepinephrine using an integrated strategy of a fully automated protein precipitation technique, reductive ethylation labeling and UPLC-MS/MS. *Analytica chimica acta*.
12. Urinary metanephrines by liquid chromatography tandem mass spectrometry: Using multiple quantification methods to minimize interferences in a high throughput method. *Journal of chromatography B*.
13. Levodopa therapy in Parkinson's disease: influence on liquid chromatographic tandem mass spectrometric-based measurements of plasma and urinary normetanephrine, metanephrine and methoxytyramine. *Annals of clinical biochemistry*.
14. Multiple Reaction monitoring with multistage fragmentation (MRM3) detection enhances selectivity for liquid chromatography-tandem mass spectrometry analysis of plasma free metanephrines. *Clinical chemistry*.
15. Sensitive, rapid and easy analysis of three catecholamine metabolites in human urine and serum by liquid chromatography tandem mass spectrometry. *Journal of chromatographic science*.
16. Quantification of metanephrine and normetanephrine in urine using liquid chromatography-tandem mass spectrometry. *Clinical Applications of Mass Spectrometry in Biomolecular Analysis*.
17. Quantitation of free metanephrines in plasma by liquid chromatography-tan-

dem mass spectrometry. *Clinical Applications of Mass Spectrometry in Biomolecular Analysis*.

18. A sensitive, high-throughput LC-MS/MS method for measuring catecholamines in low volume serum. *Analytica Chimica Acta*.
19. Use of LC/MS to assess brain tracer distribution in preclinical, in vivo receptor occupancy studies: dopamine D2, serotonin 2A and NK-1 receptors as examples. *Life sciences*.
20. Quantitative determination of free and total dopamine in human plasma by LC-MS/MS: the importance of sample preparation. *Bioanalysis*.
21. High-performance liquid chromatography/tandem mass spectrometric assay for the simultaneous measurement of dopamine, norepinephrine, 5-hydroxytryptamine and cocaine in biological samples. *Journal of neuroscience methods*.
22. Quantitative determination of dopamine in human plasma by a highly sensitive LC-MS/MS assay: application in preterm neonates. *Journal of pharmaceutical and biomedical analysis*.
23. Discovery of dopamine glucuronide in rat and mouse brain microdialysis samples using liquid chromatography tandem mass spectrometry. *Analytical chemistry*.
24. Development and validation of an LC-ESI-MS/MS method for simultaneous determination of levodopa, dopamine, L- α -methyldopa and 3-O-methyldopa in rat plasma. *Journal of Pharmaceutical Investigation*.
25. Measurements of plasma metanephrines by immunoassay vs liquid chromatography with tandem mass spectrometry for diagnosis of pheochromocytoma. *European journal of endocrinology*.

26. The α^2 adrenoceptor antagonist idazoxan alleviates l - DOPA - induced dyskinesia by reduction of striatal dopamine levels: an in vivo microdialysis study in 6 - hydroxydopamine - lesioned rats. *Journal of neurochemistry*.

您的成功就是我们工作的动力 我们视为己任。

作为SCIEX的客户，您将得到世界一流的售后支持，无论在哪里，我们都将是您最为可靠的伙伴，为您解决难题，提供方案以及最大化提高工作效率。

我们的售后工程师提供全线LC/MS系统支持。无论您的离子源，自动进样器或者实际样品分析需要帮助，您都将得到及时反馈。我们将最大努力保证仪器的正常使用，帮助您完成科研工作。

我们的应用科学家提供可靠的工作流程，帮助您简化样品制备，减少人工操作步骤。帮助您开发方法以提高分析通量。我们也可以通过电话实现远程支持。

我们的资深专家为您量身订做适合您实验室的培训课程，提高工作效率。您可以到我们的Demo Lab参加LC/MS技术培训及应用课程，也可以通过网络 e-learning 工具进行学习。

我们的售后支持团队随时为您提供最新产品信息，软件更新，分析方法及仪器维护，确保您在竞争中独占鳌头。

我们将竭尽所能为您提供高效优质的服务。



SCIEX
官方微信



SCIEX
客户服务



SCIEX
毛细管电泳

For Research Use Only. Not for use in Diagnostic Procedures.

Trademarks and/or registered trademarks mentioned herein are the property of AB Sciex Pte. Ltd., or their respective owners, in the United States and/or certain other countries.

RUO-MKT-02-10274-ZH-A

AB SCIEX™ is being used under license.

© 2019 DH Tech. Dev. Pte. Ltd.



SCIEX中国公司

北京分公司
地址：北京市朝阳区酒仙桥中路24号院
1号楼5层
电话：010-5808 1388
传真：010-5808 1390

全国免费垂询电话：800 820 3488, 400 821 3897

SCIEXNow™服务热线：800 820 3488, 400 821 3897

上海公司及中国区应用支持中心
地址：上海市长宁区福泉北路518号
1座502室
电话：021-2419 7200
传真：021-2419 7333

网址：sciex.com.cn

服务邮箱：Service.china@sciex.com

广州分公司
地址：广州市天河区珠江西路15号
珠江城1907室
电话：020-8510 0200
传真：020-3876 0835

微博：@SCIEX