

# 中国卫生检验杂志

CHINESE JOURNAL OF HEALTH LABORATORY TECHNOLOGY

1991 年创刊 (月刊) 2010 年 第 20 卷 第 7 期 Vol. 20 No. 7

<b>主 管</b>	中华人民共和国卫生部
	100044, 北京市西城区西直门外南路 1 号
<b>主 办</b>	中华预防医学学会
	100009, 北京市西城区鼓楼西大街 154 号
<b>社长总编</b>	张绍武
<b>常务副社长</b>	张甜
<b>副主编</b>	郁庆福 李桂英 张克荣 姜友珍
<b>责任编辑</b>	田海 姜友珍
<b>编 辑</b>	中国卫生检验杂志编辑委员会 100007, 北京市 100007-9 号信箱
<b>出 版</b>	中国卫生检验杂志社
<b>出版日期</b>	2010 年 7 月 10 日
<b>广告经营许可证号</b>	4100004000124
<b>发 行</b>	国内发行: 北京市邮政局 邮发代号: 80-152 国外发行: 中国国际图书贸易总公司 (北京 399 信箱) 邮发代号: M5752
<b>定 价</b>	每期 16.5 元
<b>标准刊号</b>	ISSN1004-8685 CN41-1192/R
<b>2010 年版权归中国卫生检验杂志社所有</b>	

## 目 次

### 论 著

- EB 病毒 LMP1 - CTAR2 结构域的原核表达及蛋白质纯化 ..... 余琳 张雪雁 李孜 (1583)  
识别肺癌上调表达的膜蛋白单抗抑制肺癌生长 ..... 杨薇薇 遇珑 孙力超 等 (1586)  
两种检测方法对 EV71 病毒监测结果的影响研究 ..... 梁英 怀清杰 张炳丽 等 (1590)  
固相萃取/气相色谱 - 质谱联用法同时测定水中 116 种半挥发性有机物 ..... 郑能雄 林华影 柯华 等 (1593)  
固相微萃取 - 气相色谱法同时测定水中 17 种有机污染物 ..... 宋昌慧 蔡英 陈波 等 (1597)  
气相色谱法测定腊肉制品中富马酸二甲酯 ..... 张英 郑志伟 黄碧兰 (1600)  
胸腔积液 5 种肿瘤标志物联合检测在肺癌诊断中的价值 ..... 杨桐树 李文辉 孙喜文 等 (1602)  
GC/MS/AMDIS 系统在茶叶中 17 种有机氯和拟除虫菊酯农药残留检测确证中的应用 ..... 黄盈煌 谢维平 欧阳燕玲 (1606)  
蔬菜中拟除虫菊酯类农药残留测定前处理方法研究 ..... 林春晓 徐小作 李红华 等 (1609)  
闵行区部分农副产品副溶血性弧菌监测及 PFGE 分型研究 ..... 杨丽华 陈敏 陈洪友 等 (1611)  
外环境水中检出 O139 群霍乱弧菌的鉴定及耐药性分析 ..... 王滨 吕均 高景枝 等 (1615)  
鲍曼不动杆菌协同凝集试剂的制备及初步应用 ..... 易勇 贾莉萍 肖敏 等 (1617)  
一种半花菁染料与  $\text{Al}^{3+}$  的显色反应及其应用 ..... 苏炳元 骆和东 (1621)  
焦磷酸测序法检测单增李斯特菌 ..... 李秀娟 徐保红 田会方 等 (1623)  
饲料中干扰三聚氰胺测定的物质的鉴别分析 ..... 李秋霞 刘辉 肖国军 (1626)

### 化学测定方法

- 顶空毛细管柱气相色谱法测定涉水管材中的氯乙烯单体 ..... 余胜兵 黄伟雄 许瑛华 等 (1629)

**本刊编委** (排名不分先后)

李蓉 濮萍 何渐生 丁家华  
陈守建 叶能权 贾珍珍 何晓青  
李发生 何建国 许春向 刘秀梅  
王志玉 薛元裳 毕永毅 高永清  
晁福寰 邹学贤 刘殿武 仓公敖  
吕昌银 方赤光 孙成均 栗文元  
姜庆五 凌文华 韩玉霞 康维钧  
曹佳 黄国伟 王大宁 窦志勇  
孙长颤 廖百森 赵卓 杨元  
李晓虹 张曦 谭晓东 裴晓方  
任一平 徐东群 陈燕 潘慧  
王栩东 祁建城 崔巍 裴少军  
吴清平 曾现伟 康辉

**Editorial Board Member**

Li Rong, Pu Ping, He Zheseng, Ding Jiahua, Chen Shoujian, Ye Nengquan, Jia Zhenzhen, He Xiaoqing, Li Fasheng, Hu Jianguo, Xu Chunxiang, Liu Xiumei, Wang Zhiyu, Ji Yuantang, Bi Yongyi, Gao Yongqing, Chao Fuhan, Zou Xuexian, Liu Dianwu, Cang Gongao, Lv Changyin, Fang Chiguang, Sun Chengjun, Li Wenyuan, Jiang Qingwu, Ling Wenhua, Han Yuxia, Kang Weijun, Cao Jia, Huang Guowei, Wang Daning, Dou Zhiyong, Sun Changhao, Liao Baisen, Zhao Zhue, Yang Yuan, Li Xiaohong, Zhang Xi, Tan Xiaodong, Pei Xiaofang, Ren Yiping, Xu Dongqun, Luan Yan, Pan Hui, Wang Xudong, Qi Jiancheng, Cui Wei, Pei Shaojun, Wu Qingping, Zeng Xianwei, Kang Hui

**社址**

450003 郑州市经一路 12 号

**网址**

[www.cdc999.com](http://www.cdc999.com)

**投稿电子信箱**

[wsjyzz@126.com](mailto:wsjyzz@126.com)

**印刷**

北京嘉恒彩印有限公司

**广告代理**

北京行胜言广告有限公司

电话:010-52086693/52086694

**来稿咨询电话**

010-84030401

**鱼体中二恶英、多氯联苯和多溴联苯醚的污染分析**.....

蒋友胜 张建清 周健 等 (1631)

**基于重组乙酰胆碱酯酶的有机磷和氨基甲酸酯类农药残留快速检测方法的**

**应用验证**..... 彭少杰 吴卫平 赵宇翔 等 (1636)

**提取植物产品中  $\gamma$ -氨基丁酸的方法研究**.....

钱爱萍 颜孙安 林香信 等 (1639)

**高效液相色谱法同时测定畜禽组织中 4 种抗生素及盐酸克伦特罗残留量**.....

吴庆洁 石朝晖 蔡江帆 (1642)

**水中 54 种挥发性有机物的顶空 - 气相色谱法研究**.....

高玲 杨元 宋红焕 等 (1645)

**酶联免疫分析法测定水产品中氯霉素残留量**..... 谭慧 麦琦 (1649)

**水中 6 种有机物的快速分析**..... 时军波 李磊 武新华 等 (1651)

**石墨炉原子吸收法直接测定尿中的铅**..... 许兵 康正利 (1653)

**水中毒死蜱和甲基毒死蜱的 GC - ECD 测定方法**.....

张霞 曹艳平 季萍 (1656)

**纤维蛋白平板法测定保健食品中纳豆激酶活力**.....

谢平会 董锐 薛成玉 等 (1658)

**亲水作用液相色谱 - 电喷雾串联质谱法测定奶制品中三聚氰胺**.....

李瑞园 刘红河 (1660)

**高效液相色谱法检测药品与保健品囊壳中的合成色素**.....

蒲云霞 徐晓枫 李伟 等 (1664)

**快速高分离液相色谱 - 串联质谱法测定水产品中敌百虫残留**.....

黄捷 白桂昌 吕铁峰 等 (1666)

**微波消解 - 离子色谱法测定肉制品中磷酸盐**.....

陈彩燕 麦杰荣 郑梅 (1668)

**二次萃取 - 连续流动分析法测定水质中阴离子表面活性剂的方法研究** .....

杨敏 黄丽 张文改 等 (1670)

**生活饮用水及水源水中稀土元素 ICP - MS 快速分析**.....

曾栋 范荻 潘振球 等 (1673)

**石墨炉原子吸收法测定全血中锰**..... 彭琨 王颜 徐云斌 等 (1676)

**LC - MS/MS 法测定人血清中地芬诺酯的浓度及其临床应用**.....

李嘉琳 孙爱丽 徐水英 等 (1678)

**HPLC 法快速检测灭鼠毒饵中溴敌隆含量**..... 文君 余辉菊 (1680)

**流动注射分析测定生物和环境样品中氟化物**..... 何宗莉 (1682)

**石墨炉原子吸收光谱法测定血中铅**..... 张小军 (1684)

**高效液相色谱法测定肉制品中苯甲酸和山梨酸**.....

黄慧芬 辜华胜 彭方 (1686)

**HPLC 法测定保健食品中左旋肉碱含量的研究**.....

甘宾宾 黎少豪 (1688)

**车间空气中多组分有毒物质的同时测定**.....

赵琼 唐虹 时作龙 等 (1690)

**亲水作用色谱法测定食品及烟用香料中的硫脲**.....

汤威 赵瑜 杨华武 等 (1692)

**凝胶渗透色谱 - 高效液相色谱法测定食品中抗氧化剂 BHA 、BHT 、TBHQ** .....

林捷 张彩云 郑申西 等 (1694)

## 实验研究

- 蜂胶软胶囊毒理学安全性研究 ..... 傅颖 梅松 刘冬英 等 (1697)  
不同材料试管对隐形眼镜护理液消毒效果影响研究 ..... 王劲 李凤玲 邓小虹 等 (1699)  
化妆品的皮肤和眼刺激性试验结果比较分析 ..... 黄超培 赵鹏 梁慧莉 等 (1701)

## 微生物检测方法

- 从疑似疟疾病例中检出三例附红细胞体感染病例 ..... 程开军 赵俊芳 (1703)  
PCR 与 mini - VIDAS 相结合快速检测食品中单增李斯特菌 ..... 吕均 郑华英 (1705)  
一株拟态弧菌毒素共调菌毛(TCP)的检测及分离纯化 ..... 胡守奎 (1707)  
一种新型检测乙型肝炎病毒核酸方法的建立 ..... 张永乐 任超学 钟华燕 (1709)  
实时 PCR 筛查、培养法确认方案在从业人员肠道致病菌检测的研究 ..... 曾斤日 刘爱民 彭守柏 (1711)

## 临床检验

- 季节变化对血细胞检验结果的影响 ..... 黄一玲 刘红 谢爽 等 (1714)  
以 5 - Br - PAPS 为显色剂计算法测定血清总铁结合力 ..... 胡凯 游国文 饶洁 等 (1716)  
女性生殖道支原体感染及药敏结果分析 ..... 赵宗玲 程斌 (1718)  
青年女性急性心肌梗死患者冠状动脉病变特点 ..... 平晓川 艾辉 王春梅 等 (1720)  
不同年龄层急性心肌梗死患者冠状动脉病变特点 ..... 杨铎 平晓川 王春梅 等 (1722)  
ELISA 方法筛查住院病人梅毒结果分析及筛查方案研究 ..... 梁金明 陈亚珍 李艳 等 (1724)  
替加环素对常见非发酵革兰阴性杆菌的体外抗菌活性 ..... 徐娟 吕火祥 沈蓓琼 等 (1726)

## 监测报告

- 辽宁省 2004 年 - 2009 年流脑病例监测分析 ..... 付荣华 王萍 王燕 等 (1728)  
2005 年 - 2008 年黑龙江省食品中沙门菌污染监测分析 ..... 董锐 薛成玉 遇晓杰 等 (1730)  
激江县人群伤寒副伤寒抗体水平及病原学检测 ..... 王建全 李虹 伏晓庆 等 (1733)  
威海市 2008 年 - 2009 年 HIV 抗体检测结果分析 ..... 徐莉 李继钊 张化江 (1735)  
2006 年 - 2009 年七里河区小学生 HBsAg 监测结果分析 ..... 纪卫红 阎瑾 陈莉 等 (1737)  
2005 年 - 2009 年普宁市麻疹疑似病例 IgM 抗体测定结果分析 ..... 李雪玉 (1739)  
北京市宣武区 2005 年 - 2009 年流感病原学监测结果分析 ..... 李继珊 吴波峰 秦京宁 等 (1741)  
凯里市 2007 年 - 2009 年卫生从业人员体检结果分析 ..... 苏娅玲 卫芳 狄静 等 (1744)  
泰州市食品污染物监测结果分析 ..... 赵瑾 黄久红 陈瑞英 (1747)  
绵阳市食品污染物监测结果分析 ..... 岳蕴瑶 陈志 罗寰 等 (1749)  
泰安市一次性卫生用品生产环境及产品卫生质量检测 ..... 张新峰 陆华 孟祥鹏 (1752)  
2004 年 - 2008 年吉林省食品中黄曲霉毒素污染的监测结果分析 ..... 刘思洁 李青 张博 等 (1754)  
唐山市 2001 年 - 2009 年 HIV 抗体检测结果分析 ..... 张庆娟 吕维冬 曹慧珍 (1756)  
四株与 O139 群霍乱弧菌血清交叉凝集的维罗纳气单胞菌温和生物变种分离鉴定 .....  
..... 熊燕 江元山 陈智 等 (1758)

- 南通市 2006 年 - 2009 年性病门诊 HIV 抗体检测结果分析 ..... 练维 熊海平 孙怡婵 (1760)  
丽水市贝类中副溶血性弧菌的血清分型及耐药性 ..... 兰进权 雷永良 柳付明 等 (1763)  
广西食源性沙门菌主动监测网建立及其结果分析 ..... 李秀桂 唐振柱 黄兆勇 等 (1765)  
男性静脉吸毒人群血清学检测结果分析 ..... 庞惠勇 张玉玲 田景萍 等 (1768)

## 调查报告

- 枣阳地区高三学生乙肝病毒感染情况分析 ..... 侯文华 肖传宇 谢强 (1771)  
三城市集中空调系统污染情况调查及影响因素分析 ..... 吕锡芳 陈晓东 许慧慧 等 (1773)  
2009 年顺义区食品中单增李斯特菌污染及耐药状况调查 ..... 荆红波 杨杰 张彦春 (1775)  
广安市 6 类食品中食源性致病菌污染调查报告 ..... 袁珣 聂菱 邓淑芬 等 (1778)  
海产品对虾中创伤弧菌污染状况调查 ..... 王红 黄彦 李秀桂 等 (1780)

大连市旅顺口区农村生活饮用水水质情况调查分析	于昆 鲁艳 张耀林 等	(1782)
肃南裕固族中小学生乙肝表面抗原阳性率调查及影响因素分析	王涛 姜烜星 公洁 等	(1784)
永清县家用饮水机常温出水端微生物污染状况的调查与分析	杨桂英	(1827)

### 实验室管理

6σ 质量管理方式在生化室内质量控制中的应用	胡守利 谭晓霞 钟益芳	(1786)
实验室资质认定中如何做好仪器设备的管理	张斯益	(1788)
面粉中铝含量实验室间比对结果分析	吉文亮 吉钟山 陆幽芳 等	(1789)
辽宁省疾控战线质量控制	苏平 谢韬 曲晓明	(1791)

### 方法评价

食源性致病菌快检技术应用初探	王颖 彭少杰 盛跃颖 等	(1793)
----------------	--------------	--------

### 计算机应用与管理

食品安全综合评价指数与监测预警系统研究	郑培 吴功才 王海明 等	(1795)
---------------------	--------------	--------

### 探讨与对策

坑道内储水污染对进驻的不利影响及对策	张永良 侯小平 关宏坤 等	(1797)
--------------------	---------------	--------

### 经验交流

水产品中镉快速检测试纸方法研究	薛文静 杨钊 陈安珍 等	(1801)
电感耦合等离子体质谱测定豆奶粉中镉的不确定度评定	侯建荣 潘心红 彭荣飞 等	(1802)
探讨自动蒸馏仪在测定木制品中二氧化硫残留量的应用	冯雪雅 刘恭源 李蓉	(1805)
乳制品中硝酸盐和亚硝酸盐检验方法的改进	陈涛 曾炫萍 宋悦华	(1807)
农产品中铅、镉、汞测定前处理方法的探讨	黄彩娇 方明圆 侯芳妮 等	(1809)
饮用水中硫酸盐的氯化钡比浊法的改进	王勇 陈子良 宋凯 等	(1811)
现场快速检测在卫生监督中的应用及存在的问题	罗银江 张晶	(1813)
浅谈基层疾控中心怎样提高突发公共卫生事件鉴定能力	张汉菊	(1814)
纳氏试剂分光光度法测定水中氨氮能力验证的体会	谢勤美 虞精明	(1816)
食用油脂中酸价测定结果不确定度的评定	丁恒 熊玉华	(1817)
道县小学生乙肝普查结果分析	唐准珠	(1819)

### 病例报道

特纳(Turner)综合征误诊 10 例分析	白刚 潘慧 曾现伟	(1820)
------------------------	-----------	--------

### 短篇报道

从疑似霍乱病人标本中检出一株维隆气单胞菌	许少洪 李映霞	(1821)
漳州市首次分离出阪崎肠杆菌	钟凌 黄健利 姚海燕	(1822)
一起误食热宝引起不良反应的实验室检测思路剖析	林思忍 任秋景 余惊笄 等	(1823)
一起高硝酸盐水源对婴幼儿健康的调查分析	杨平 蔺晓玲	(1824)
毛肚、鸭肠中甲醛检测结果与分析	李世荣	(1825)
一起由亚硝酸盐引起食物中毒的思考	王春妍	(1826)

### 综 述

连续流动分析法在行业间试样中的应用	朱晨光 黄伟华	(1829)
牛磺酸检测技术研究进展	刘亚风 袁萍 祝伟霞 等	(1831)
梅毒螺旋体 PCR 检测技术研究进展	李娟	(1834)
沙门菌快速检测与分子分型技术的研究进展	宋红梅 徐保红	(1836)
引起 2009 年流行的甲型 H1N1 流感病毒的特点	曹文革 邓丽敏	(1838)

### 信 息

“2010 中国科学仪器发展年会”在京召开		(1663)
-----------------------	--	--------

# CHINESE JOURNAL OF HEALTH LABORATORY TECHNOLOGY

(Monthly) July 2010 Volume 20 Number 7

Managed by  
Ministry of Health of P. R. C.

Sponsored by  
China Preventive Medicine Association

Editor in Chief  
Zhang Shaowu

Assistant Chairman  
Zhang Tian

Vice Editor in Chief  
Yu Qingfu, Li Guiying, Zhang Kerong, Jiang Youzhen

Managing Director  
Tian Hai, Jiang Youzhen

Edited by  
Editorial Board of Chinese Journal of Health Laboratory Technology

Published by  
Chinese Journal of Health Laboratory Technology

Address  
P. O. Box 9 - 100007, Beijing, China

Postcode  
100007

Printing  
Beijing Jiaheng Colory Printing Co., Ltd

Domestic Distributor  
Beijing Post Office

Overseas Distributor  
China International Book Trading Corporation  
(P. O. Box 399, Beijing, China)

Code No  
M5752

Advertising Management Licence  
4100004000124

Date of Publication  
July 10, 2010

Website  
[www.cdc999.com](http://www.cdc999.com)

E-mail  
[wsjyz@126.com](mailto:wsjyz@126.com)

Price  
RMB ¥ 16.5

CSSN  
ISSN1004 - 8685  
CN41 - 1192/R

Copyright 2010 by Editorial Department of  
Chinese Journal of Health Laboratory Technology

## CONTENTS IN BRIEF

### Original Articles

- Prokaryotic expression and purification of EBV LMP1 - CTAR2 ..... YU Lin, ZHANG Xue-yan, LI Zi (1583)  
Growth of lung cancer can be inhibited by monoclonal antibody recognizing lung cancer membrane protein expressed highly ..... YANG Wei-wei, YU Long, SUN Li-chao *et al* (1586)  
Investigations on influence of two methods on detection of EV71 virus ..... LIANG Ying, HUAI Qing-jie, ZHANG Bing-li *et al* (1590)  
Simultaneous determination of 116 kinds of semi - volatile organic compounds in water by gas chromatography/mass spectrometry with solid phase extraction ..... ZHENG Neng-xiong, LIN Hua-ying, KE Hua *et al* (1593)  
Simultaneous determination of 17 organic pollutant in water by SPME - GC ..... SONG Chang-hui, CAI Ying, CHEN Bo *et al* (1597)  
Determination of dimethyl fumarate in cured meat by gas chromatography ..... ZHANG Ying, ZHANG Zhi-wei, HUANG Bi-lan (1600)  
Value of combined detection of five tumor markers of pleural effusion in diagnosis for lung cancer ..... YANG Tong-shu, LI Wen-hui, SUN Xi-wen *et al* (1602)  
Application of GC/MS/AMDIS to analysis and confirmation of 17 organochlorine and pyrethroid pesticide residue in tea ..... HUANG Ying-yu, XIE Wei-ping, OUYANG Yan-ling (1606)  
Study on pretreatment of pyrethroid pesticide residue determination in vegetables ..... LIN Chun-xiao, XU Xiao-zuo, LI Hong-hua *et al* (1609)  
Surveillance and PFGE analysis on *Vibrio parahaemolyticus* in agricultural products in Minhang ..... YANG Li-hua, CHEN Min, CHEN Hong-you *et al* (1611)  
Identification and drug resistant analysis of O139 *Vibrio cholera* isolated from environmental water ..... WANG Bin, LV Jun, GAO Jing-zhi (1615)  
Preparation and preliminary application of a coagglutination reagent for rapid detection of *Acinetobacter baumannii* ..... YI Yong, JIA Li-ping, XIAO Min *et al* (1617)  
Chromogenic reaction of a novel hemicyanine with aluminum ion and its application ..... SU Bing-yuan, LUO He-dong (1621)  
Detection of *Listeria monocytogenes* using pyrosequencing ..... LI Xiu-juan, XU Bao-hong, TIAN Hui-fang *et al* (1623)

Identification and confirmation of interference material in feed melamine determination .....	.....	LI Qiu-xia, LIU Hui, XIAO Guo-jun (1626)
<b>Chemical Detection Method</b>		
Determination of vinyl chloride monomer in water supply pipes by headspace capillary gas chromatography .....	.....	YU Sheng - bing, HUANG Wei - xiong, XU Ying - hua <i>et al</i> (1629)
Analyzed of PCDD/Fs, PCBs and PBDEs in fish sample .....	.....	JIANG You - sheng, ZHANG Jian - qing, ZHOU Jian <i>et al</i> (1631)
Validation of rapid detection of organophosphate and carbamate insecticide residues with a novel recombinant acetylcholinesterase .....	.....	PENG Shao-jie, WU Wei-ping, ZHAO Yu-xiang <i>et al</i> (1636)
Research in extraction methods for $\gamma$ - amino butyric acid in plant products .....	.....	QIAN Ai-ping, YAN Sun-an, LIN Xiang-xin <i>et al</i> (1639)
Determination of four antibiotics and clenbuterol in livestock tissue by HPCL .....	.....	WU Qing-jie, SHI Zhao-hui, CAI Jiang-fan (1642)
Study on method for 54 kinds of volatile organic compounds – VOCs in water using static headspace analysis in gas chromatography/mass spectrometer .....	.....	GAO Ling, YANG Yuan, SONG Hong-huan <i>et al</i> (1645)
Determination of chloramphenicol residues in aquatic products by enzyme immunoassay assay .....	.....	TAN Hui, MAI Qi (1649)
Rapid analysis of six kinds of organic compounds in water .....	.....	SHI Jun-bo, LI Lei, WU Xin-hua <i>et al</i> (1651)
Measurement of lead by graphite furnace atomic absorption spectrometry in urine .....	.....	XU Bing, KANG Zheng-li (1653)
Determination of chlorpyrifos and chlorpyrifos – methyl in water by gas chromatography – $\mu$ – electron capture detector (GC – $\mu$ ECD) .....	.....	ZHANG Xia, CAO Yan-ping, JI Ping (1656)
Determination of activity of nattokinase in health food by fibrin plate method .....	.....	XIE Ping-hui, DONG Rui, XUE Cheng-yu <i>et al</i> (1658)
Hydrophilic interaction liquid chromatography coupled with electrospray tandem mass spectrometry for analysis of melamine residues in milk products .....	.....	LI Rui-yuan, LIU Hong-He (1660)
Determination of synthetic pigment in shell of drugs and health foods by reversed – HPLC .....	.....	PU Yun-xia, XU Xiao-feng, LI Wei <i>et al</i> (1664)
Determination of trichlorphon residues in aquatic product by RRLC – MS/MS .....	.....	HUANG Jie, BAI Gui-chang, LV Yi-feng <i>et al</i> (1666)
Determination of phosphate in meat product by microwave digestion – ion chromatography method .....	.....	CHEN Cai-yan, MAI Jie-rong, ZHENG Mei (1668)
Determination of anionic surfactants in water by 2 – step extraction air – segmented continuous flow – analysis .....	.....	YANG Min, HUANG Li, ZHANG Wen-gai <i>et al</i> (1670)
Quickly analysis of rare earth elements in drinking water and source water by inductively coupled plasma mass spectrometry .....	.....	ZENG Dong, FAN Di, PAN Zhen-qiu <i>et al</i> (1673)
Determination of manganese in whole blood by graphite furnace atomic absorption spectrometry .....	.....	PENG Kun, WANG Yan, XU Yun-bin <i>et al</i> (1676)
LC – MS/MS determination of diphenoxylate in human blood and application in clinical study .....	.....	LI Jia-lin, SUN Ai-li, XU Shui-ying <i>et al</i> (1678)
Rapid determining quantity of bromadiolone in raticides by HPLC .....	.....	WEN Jun, YU Hui-ju (1680)
Determinate Fluorine in biology and surrounding sample by flow injection analysis method .....	.....	HE Zong-li (1682)
Graphite furnace atomic absorption spectrometry of lead in blood .....	.....	ZHANG Xiao-jun (1684)
HPLC determination of benzoic acid and sorbic acid in meat products .....	.....	HUANG Hui-fen, GU Hua-sheng, PENG Fang (1686)

Determination of L – camitine content in health food by HPLC .....	GAN Bin-bin, LI Shao-hao (1688)
Simultaneous determination of multi – component toxic substances in workplace air .....	ZHAO Qiong, TANG Hong, SHI Zuo-long <i>et al</i> (1690)
Determination of thiourea in foods and tobacco flavor fragrance by Hydrophilic interaction chromatography .....	TANG Wei, ZHAO Yu, YANG Hua-wu <i>et al</i> (1692)
Determination of BHA, BHT and TBHQ in foods by HPLC with GPC .....	LIN Jie, ZHANG Cai-yun, ZHENG Shen-xi <i>et al</i> (1694)

### Experimental Study

A toxicological security study of propolis soft capsule .....	FU Ying, MEI Song, LIU Dong-ying <i>et al</i> (1697)
Sterilization effect of contact lens care solutions with tubes of different materials .....	WANG Jin, LI Feng-ling, DENG Xiao-hong <i>et al</i> (1699)
Comparative analysis of results of dermal and eye irritation test of cosmetics .....	HUANG Chao-pei, ZHAO Peng, LIANG Hui-li <i>et al</i> (1701)

### Microbe Detection Method

Three cases of eperythrozoon infection were detected from suspected malaria cases were detected three cases of infection eperythrozoon .....	CHENG Kai-jun, ZHAO Jun-fang (1703)
Combination use of PCR and mini – VIDAS in rapid detection of food for Listeria monocytogenes .....	LV Jun, ZHENG Hua-ying (1705)
Separation and purification of toxin coregulated pilus of Vibrio mimicus .....	HU Shou-kui (1707)
Build of a new method for detection of HBV – DNA .....	ZHANG Yong-le, REN Chao-xue, ZHONG Hua-yan (1709)
Evaluation of real – time PCR combined with plate culture method in detecting enteric Salmonella and Shigella from swabs of practitioners .....	ZENG Jin – ri, LIU Ai – min, PENG Shou – bo (1711)

### Clinical Laboratory Test

Effect of seasonal variation on hematology parameters .....	HUANG Yi-ling, LIU Hong, XIE Shuang <i>et al</i> (1714)
A calculation M ethod for analysis of TIBC in serum using 5 – Br – PAPS as a coloring reagent .....	HU Kai, YOU Guo-wen, RAO Jie <i>et al</i> (1716)
Female reproductive tract infection of mycoplasma and analysis of drug sensitivity .....	ZHAO Zong-ling, CHENG Bin (1718)
Coronary arterial lesion's character in young female patients with acute myocardial infarction .....	PING Xiao-chuan, AI Hui, WANG Chun-mei <i>et al</i> (1720)
Coronary arterial lesion's character in acute myocardial infarction with different age .....	YANG Duo, PING Xiao-chuan, WANG Chun-mei <i>et al</i> (1722)
Analysis of results for Treponema pallidum by ELISA method in inpatients and study of screening programs .....	LIAN Jin-ming, CHEN Ya-zhen, LI Yan <i>et al</i> (1724)
In vitro susceptibilities of tigecycline on nonfermentative gram – negative bacilli using disk diffusion testing .....	XU Juan, LV Huo-xiang, Shen Bei-qiong <i>et al</i> (1726)

### Monitoring Report

Surveillant analysis of meningococcal meningitis in Liaoning during 2004 – 2009 .....	
..... FU Rong-hua, WANG Ping, WANG Yan <i>et al</i> (1728)	
Monitoring and analysis on contamination of Salmonella in food in Heilongjiang in 2005 – 2008 .....	
..... DONG Rui, XUE Cheng-yu, YU Xiao-jie <i>et al</i> (1730)	
Etiological and antibodies'detection for typhoid and paratyphoid bacillus among different population in Chengjiang .....	
..... WANG Jian-quan, LI Hong, FU Xiao-qing <i>et al</i> (1733)	

An analysis of HIV antibody detection results in 2008 – 2009 in Weihai .....	XU Li, LI Ji-zhao, ZHANG Hua-jiang (1735)
Analysis of monitoring results of pupils HBsAg in qilihe district from 2006 to 2009 .....	JI Wei-hong, YAN Jin, CHEN Li <i>et al</i> (1739)
Data analysis of influenza surveillance in Xuanwu District of Beijing from 2005 to 2009 .....	LI Ji-shan, WU Bo-feng, QIN Jing-ning <i>et al</i> (1741)
Analysis of results of health examination of health - reated practitioners in Kaili from 2007 to 2009 .....	SU Ya-ling, WEI Fang, DI Jing <i>et al</i> (1744)
Analysis on monitoring result of food contamination in Taizhou .....	ZHAO Jin, HUANG Jiu-hong, CHEN Rui-ying (1747)
Results analysis of polluted condition in food in Mianyang .....	YUE Yun-yao, CHEN Zhi, LUO Yun <i>et al</i> (1749)
Hygienic inspection on products and manufacturing environment of disposable hygiene products manufacturing enterprises in Tai'an .....	ZHANG Xin – feng, LU Hua, MENG Xiang-peng (1752)
Analysis on contamination monitoring of market food in Jilin During 2004 – 2008 .....	LIU Si-jie, LI Qing, ZHANG Bo <i>et al</i> (1754)
HIV antibody test results of analysis of Tangshan City from 2001 to 2009 .....	ZHANG Qing-juan, LV Wei-dong, CAO Hui-zhen (1756)
Isolation and identification of four Aeromonas veronii biovar sobria isolates which cross – reacted with Vibrio cholerae O139 .....	XIONG Yan, JIANG Yuan-shan, CHEN Zhi <i>et al</i> (1758)
Analysis of HIV infection among STD clinic from 2006 to 2009 in Nantong .....	LIAN Wei, XIONG Hai-ping, SUN Yi-hua (1760)
Serotyping and drug resistance of Vibrio parahaemolyticus from Lishui shellfish .....	LAN Jin-quan, LEI Yong-liang, LIU Fu-ming <i>et al</i> (1763)
Establishment and data analysis of foodborne Salmonella infection active surveillance network in Guangxi .....	LI Xiu-gui, TANG Zhen-zhu, HUANG Zhao-yong <i>et al</i> (1765)
Analysis and implications of serum test in male drug injection users .....	PANG Hui-yong, ZHANG Yu-ling, TIAN Jin-ping <i>et al</i> (1768)

### **Investigation Report**

Analysis of hepatitis B virus infection in high school seniors in Zaoyang area .....	HOU Wen-hua, XIAO Chuan-yu, XIE Qiang (1771)
Investigation of central air – conditioning system pollution in three cities and analysis on related influencing factors .....	LV Xi-fang, CHEN Xiao-dong, XU Hui-hui <i>et al</i> (1773)
Analysis of food contamination with Listeria monocytogens and antibiotic susceptibility in Shunyi .....	JING Hong-bo, YANG Jie, ZHANG Yan-chun (1775)
Six types of food – borne pathogens in food contamination investigation report of Guang'an .....	YUAN Xun, NIE Ling, DENG Shu-fen <i>et al</i> (1778)
Condition of contamination of Vibrio vulnificus in prawn .....	WANG Hong, HUANG Yan, LI Xiu-gui <i>et al</i> (1780)
Investigation and analysis of quality of daily drinking water in rural areas of Lvshunkou .....	YU Kun, LU Yan, ZHANG Yao-lin <i>et al</i> (1782)
Hepatitis B surface antigen positive rate and risk factors analysis of primary and secondary students in Sunan province Yugu autonomous .....	WANG Tao, JIANG Xuan – xing, GONG Jie <i>et al</i> (1784)
At the Yongqingxian drinking water microbial pollution situation of investigation and analysis .....	YANG Gui – ying (1827)

### **Method Evaluation**

Exploring applications of rapid detective techniques on foodborne pathogens .....	WANG Ying, PENG Shao-jie, SHENG Yue-ying <i>et al</i> (1793)
---	--