



ISSN 1004-8685
CN 41-1192/R

中国卫生检验杂志

ZHONGGUO WEISHENG JIANYAN ZAZHI

2015年5月 第25卷 第9期

May.2015 Vol.25 No.9

国家卫生和计划生育委员会主管
中华预防医学会主办

CHINESE
JOURNAL OF HEALTH
LABORATORY TECHNOLOGY

CJ
HLT

中文核心期刊
中国科技论文统计源期刊(中国科技核心期刊)
RCCSE 中国核心学术期刊(A-)
中国生物医学源期刊
美国化学文摘(CA)源期刊
中国学术期刊综合评价数据库源期刊

ISSN 1004-8685



9 771004 868156

中华预防医学会系列杂志

SERIAL JOURNAL OF CHINESE PREVENTIVE MEDICINE ASSOCIATION

9

2015

中国卫生检验杂志

ZHONGGUO WEISHENG JIANYAN ZAZHI

半月刊 1991 年创刊 第 25 卷 第 9 期 2015 年 5 月 10 日出版

主 管

中华人民共和国国家卫生和计划生育委员会
100044, 北京市西城区西直门外南路 1 号

主 办

中华预防医学会
100021, 北京市朝阳区劲松东口华泰饭店

社长总编

张绍武

副社长

张 甜 姜友珍

副总编

郁庆福 李桂英 张克荣

编辑部主任

杨 锋

编 辑

中国卫生检验杂志编委会

出 版

中国卫生检验杂志社
450003 郑州市经一路 12 号 2288 信箱

编辑部电话

0371 - 65978342
0371 - 65968289 (传真)

广告部电话

0371 - 65998851
15538110112

出版日期

2015 年 5 月 10 日

发 行

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)
国外发行代号: M5752

中国标准连续出版物号

ISSN 1004 - 8685
CN 41 - 1192/R

广告经营许可证号

4100004000124

2015 年版权归中国卫生检验杂志社所有

定 价

每期 21.50 元

目 次

论 著

- 基于铅离子对酚酞 - 过氧化氢氧化体系催化特性的催化光度检测氨的新方法 李云静, 黄娟, 邓涵, 等 (1297)
- 超高效液相色谱 - 串联质谱法同时测定草莓和杨梅中 35 种杀菌剂残留 吴淑春, 虞森 (1301)
- 结核分枝杆菌重组抗原 R₀350 的克隆表达和血清学评价 余琴, 林楠, 赵平, 等 (1307)
- 海南省 2009 年 - 2011 年发热病人立克次体病检测及结果分析 吴捷, 王少玲, 马焱, 等 (1311)
- 45 770 例孕中期妇女血清学产前筛查分析 李冬秀, 陈敬林, 黄湘, 等 (1314)

化学测定方法

- 液质联用法快速、同时测定水中的呋喃丹、莠去津、西维因和微囊藻毒素 LR 孙边成, 邹威, 文刚, 等 (1317)
- 液液萃取 - 气质联用法测定生活饮用水中 7 种氯苯类化合物及六氯丁二烯 吕光, 马永民, 王敏荣, 等 (1320)
- 石墨炉原子吸收光谱法直接测定尿锰的条件优化探析 许冬云, 李芳, 朱慧敏, 等 (1323)
- 火焰、石墨炉和氢化物发生 - 原子吸收光谱法测定化妆品中铅含量的比较 吴纤悛, 陈才军, 蒋蝉伊 (1326)
- 自动顶空毛细管柱气相色谱法测定生活饮用水中的 5 种卤代烷烃 王丹, 李鹏, 李力军, 等 (1329)

本刊编委 (排名按笔画排列)

丁家华 仓公敖 方赤光 王 哲
王大宁 王志玉 王京宇 王树东
冯晓燕 叶能权 毕永毅 刘秀梅
刘殿武 吕昌银 祁建城 任一平
孙长颢 孙成均 许春向 陈守建
何建国 何浙生 何晓青 李晓虹
李 蓉 宋宏彬 吴清平 杨 元
张 曦 张贺秋 邹学贤 姜庆五
赵 卓 高永清 贾珍珍 栗文元
凌文华 栾 燕 徐东群 曹 佳
曹润武 晁福寰 崔 巍 常凤启
黄国伟 康 辉 康维钧 韩玉霞
曾现伟 袁志勇 傅 萍 阚 飙
廖百森 裴少军 裴晓方 谭晓东
熊 英 潘 慧 冀元棠

Editorial Board Member

DING Jia - hua, CANG Gong - ao, FANG Chi -
guang, WANG Zhe, WANG Da - Ning, WANG
Zhi - yu, WANG Jing - yu, WANG Xu - dong,
FENG Xiao - yan, YE Neng - quan, BI Yong -
yi, LIU Xiu - mei, LIU Dian - wu, LV Chang -
yin, QI Jian - cheng, REN Yi - ping, SUN
Chang - hao, SUN Cheng - jun, XU Chun -
xiang, CHEN Shou - jian, HE Jian - guo, HE
Zhe - sheng, HE Xiao - qing, LI Xiao - hong,
LI Rong, SONG Hong - bin, WU Qing - ping,
YANG Yuan, ZHANG Xi, ZHANG He - qiu,
ZOU Xue - xian, JIANG Qing - wu, ZHAO
Zhuo, GAO Yong - qing, JIA Zhen - zhen, LI
Wen - yuan, LING Wen - hua, LUAN Yan, XU
Dong - qun, CAO Jia, CAO Run - wu, CHAO
Fu - huan, CUI Wei, CHANG Feng - qi,
HUANG Guo - wei, KANG Hui, KANG Wei -
jun, HAN Yu - xia, ZENG Xian - wei, DOU Zhi -
yong, PU Ping, KAN Biao, LIAO Bai - Sen, PEI
Shao - jun, PEI Xiao - fang, TAN Xiao - dong,
XIONG Ying, PAN Hui, JI Yuan - tang

网 址

www.cdc999.com

投稿电子信箱

wsjyzz@126.com

印 刷

鑫宏源印刷包装有限责任公司

来稿咨询电话

010 - 84030401

液液萃取气相色谱法同时测定饮用水中的 11 种卤代酸.....

..... 肖惠贞,徐小作,陆碧茹,等 (1332)

实验研究

异丙酚预处理对睡眠剥夺小鼠诱导学习记忆障碍和神经炎症的影响 ...

..... 秦冰,杨莉,杨树利,等 (1336)

食品与药品检验

微波消解 - 双道原子荧光光谱法测定不同产地啤酒花中的砷和汞

..... 何文静,张帆,刘宏炳,等 (1339)

食品中铝含量测定不同消解方式的研究与质量控制

..... 廖艳华,吴祖军,蒙华毅,等 (1342)

液态食品中人工合成色素检测方法的探讨

..... 苏慧,伍霞,赖先志 (1345)

碘盐测定中 DPD 确定 NaClO 适宜浓度的方法

..... 徐林,龚玲,董钧铭,等 (1348)

等离子体发射光谱法测定小龙虾中的 14 种元素

..... 宋志洲,朱兆中,桂婷婷,等 (1351)

气相色谱法测定果汁中甜蜜素的定量方法改进

..... 王丽君,蒋红进 (1354)

微生物检测方法

布病血清学检测 RBPT 与 SAT 一致性研究

..... 苏晓玲,樊永贞,王佳敏,等 (1357)

荧光纳米颗粒标记技术快速检测产 enterotoxin B 金黄色葡萄球菌的实验

研究 向辉,朱海,孙世宏,等 (1359)

化妆品微生物检验能力验证样品制备及性能测试

..... 张莉萍,罗建波,李月欢,等 (1363)

基于量子点和磁珠的大肠埃希菌 O157 : H7 检测研究

..... 张燕辉,谢服役,陈效黎 (1366)

临床检验

血清 Cys - C、NGAL 和尿 KIM - 1、IL - 18 在海洛因依赖者肾早期损伤中的检测价值 何军,张姝,许琦,等 (1369)

12 岁以下健康儿童全血钙、铁、锌元素参考范围研究 王鹏,阴志强,冯建飞,等 (1373)

NGF 与纳洛酮对 HIE 患儿 S100B 蛋白及 NSE 水平的影响 魏爱婷,孙林林 (1375)

HER - 2 蛋白表达和基因扩增状态在乳腺癌中的一致性研究 吴冬霞,郭苑莉,沈溪明,等 (1377)

患者和献血员 Rh 血型表型的检测与临床输血 王彬,金丽琴 (1380)

血清载脂蛋白 E 检测在医院获得性肺炎诊断和预后中的价值 朱月清,朱小林,朱秀芳 (1382)

急性肺血栓栓塞症患者溶栓治疗时血小板参数的变化趋势及临床意义 李绵绵,余玲玲,蒋伟燕,等 (1384)

CellaVisionDM96 血细胞形态分析系统与显微镜镜检分类比较 陈荣发,余玲玲,陈小青,等 (1387)

精浆生化分析在精索静脉曲张诊断中的临床意义 沙琨,齐莹莹 (1389)

2011 年 - 2013 年驻马店市麻疹、风疹疑似患者 IgM 抗体检测结果分析 樊亚丽 (1391)

分子诊断与基因检测

某小学一起诺如病毒急性胃肠炎暴发疫情的病原学分析 张冲,张兰荣,张扬,等 (1394)

食物中毒中副溶血性弧菌的毒力基因及同源性分析 沙丹,管红霞,冯微宏,等 (1397)

铅暴露对大鼠海马组织中 STX 基因转录水平的影响 李娟,李嘉敏,艾宝民,等 (1400)

大肠杆菌 O157 : H7 的噬菌体分型 周璐,董晨,杨华富,谈忠鸣,等 (1403)

2009 年 - 2011 年江西省新型甲型 H1N1 流感病毒 HA1 基因进化分析 徐刚,熊英,龚甜,等 (1407)

常州地区 2012 年乙型流感病毒株血凝素基因特征分析 李琼,徐杰,姚萍,等 (1410)

GCK 基因多态性与汉族人群血糖水平的关系研究 林玉玲,金文波,刘琳,等 (1413)

监测分析

2010 年 - 2014 年衢州地区感染性腹泻病原菌检测与分析 陆军,白永凤,余旭良,等 (1416)

佛山市放射工作人员个人辐射暴露水平分析 许雯婷,董雪梅,陈松根,等 (1419)

2008 年 - 2013 年承德市梅毒流行特征分析 王晶华,王海连 (1423)

2014 年贵州省丰水期市政水厂出厂水中三氯甲烷、四氯化碳监测结果分析 李雪春,张卫国,林野 (1426)

2010 年 - 2013 年宣城市手足口病流行特征及病原学分析 陈晓龙,杨芸,黄志伟 (1429)

惠州市第一妇幼保健院 2011 年 - 2013 年细菌耐药性监测分析 杨坤祥,钟泽艳,黄愉玲,等 (1432)

北京市昌平区市售仿瓷餐具卫生质量状况监测分析	闫革彬,芦丹	(1436)
2011 年 - 2013 年湖州市儿童手足口病病原学监测分析	沈月华,纪蕾,朱晓娟,等	(1439)

调查报告

2014 年医院感染横断面调查结果分析	格日乐,李成,原源	(1442)
影响培养基 pH 值稳定性的因素分析	宋昌彦,施杨,盛满钰	(1444)
湖南省东北部茶园茶树及土壤重金属镉污染的调查	向素雯,刘素纯	(1449)
24 家规范化预防接种门诊消毒设备配备与微生物污染状况调查	孙烨祥,柴鹏飞,林鸿波,等	(1452)
河北省 2011 年人群麻疹免疫水平研究	刘岩,王晶辉,杜慧,等	(1455)

细菌耐药性研究

2013 年江西省部分小于 25 岁 HIV 感染者亚型及原发耐药状况分析	张娜,刘丽萍,易志强,等	(1458)
COPD 患者下呼吸道感染产 AmpC 酶革兰阴性杆菌耐药基因型研究	卢海跃,林平	(1461)
乐清市女性泌尿生殖道支原体的耐药性检测分析	韩利娟,朱晓燕,王奔	(1464)

教学与实验室管理

农药/鼠药色谱 - 质谱数据库的构建	董新风,左书梅,刘中林,等	(1467)
市级艾滋病检测网络建设与考核管理模式探索	刘丽花,周红,王险峰,等	(1474)
POCT 血糖仪在临床科室全面质量管理中的实践与研究	高玉琴,范明亮,王浩,等	(1476)
浅谈基层疾病预防控制中心理化实验室的建设与发展	王昕,林洁	(1479)
东营疾病预防控制机构实验室能力建设现状分析	王海红,姜宝法,李建明	(1481)

经验交流

对微生物检验国家标准存在问题的探讨	王飞,杨献青,梁杰	(1483)
CAP 实验室能力验证活动相关要求学习体会	胡智颖,杨朵,胡梅,等	(1485)
聚乙烯塑料管水浴消解法测定尿样及尿碘	车燕妮,张凌斐,张少君,等	(1487)

CHINESE JOURNAL OF HEALTH LABORATORY TECHNOLOGY

Semimonthly Established in 1991, Volume 25 Number 9 May 10, 2015

Managed by

National Health and Family Planning Commission
of the People's Republic of China
No. 1, Xizhimen Wainan Road, Xicheng District, Beijing, 100044

Sponsored by

Chinese Preventive Medicine Association
Hua Thai Hotel, East Exit of Jinsong Road, Chaoyang District, Bei-
jing, 100021

Editor in Chief

ZHANG Shao - wu

Deputy Chairman

ZHANG Tian, JIANG You - zhen

Associate Editor in Chief

YU Qing - fu, LI Gui - ying, ZHANG Ke - rong

Director of Editorial Department

YANG Feng

Edited by

Editorial Board of Chinese Journal of Health Labo-
ratory Technology

Published by

Editorial Department of Chinese Journal of Health
Laboratory Technology
Mailbox 2288, No. 12, Jingyi Road, Zhengzhou, 450003

Editorial office telephone

0371 - 65978342
0371 - 65968289 (Fax)

Advertising department telephone

0371 - 65998851
15538110112

Publication Date

May 10, 2015

Domestic Distributor

Beijing Post Bureau
Code: 80 - 152

Overseas Distributor

China International Book Trading Corporation
(P. O. Box 399, Beijing, China)
Code: M5752

Website

www.cdc999.com

E - mail

wsjyzz@126.com

Standard Series Number

ISSN 1004 - 8685
CN 41 - 1192/R

Advertising Management License

4100004000124

Copyright 2015 by Editorial Department of
Chinese Journal of Health Laboratory Technology

Price

RMB ¥21.50

CONTENTS IN BRIEF

Original Articles

New method for the detection of radon of catalytic spectrophotometric based
on the catalytic characteristics of lead ion in phenolphthalein and hydrogen
peroxide oxidation system

..... LI Yun - jing, HUANG Juan, DENG Han, *et al* (1297)

Simultaneous determination of 35 fungicide residues in strawberry and Chinese
bayberry (*myrica rubra*) by ultra - performance liquid chromatography -
tandem mass spectrometry WU Shu - chun, YU Miao (1301)

Cloning expression and serodiagnostic evaluation of recombination antigen
Rv0350 of Mycobacterium tuberculosis

..... YU Qin, LIN Nan, ZHAO Ping, *et al* (1307)

Analysis of the detection results of rickettsial disease among patients with fever
in Hainan province from 2009 to 2011

..... WU Jie, WANG Shao - Ling, MAYan, *et al* (1311)

Analysis of prenatal screening 45 770 cases in mid - pregnant women

..... LI Dong - xiu, CHEN Jing - lin, HUANG Xiang, *et al* (1314)

Chemical Detection Method

Rapid and simultaneous determination of carbofuran, atrazine, carbaryl and
microcystis LR in water by LC - MS/MS method

..... SUN Bian - cheng, ZOU Wei, WEN Gang, *et al* (1317)

Combined determine chlorobenzenes and hexachlorobutadiene in drinking water
by liquid - liquid extraction and GC - MS spectrometry

..... LV Guang, MA Yong - min, WANG Min - rong, *et al* (1320)

Analysis of optimization for direct determination of manganese in urine by
graphite furnace atomic absorption spectrometry

..... XU Dong - yun, LI Fang, ZHU Hui - min, *et al* (1323)

Compare the methods of determination of lead in cosmetics by flame and
graphite furnace and hydride generation atomic absorption spectrometry ...

..... Wu Qian - su, CHEN Cai - jun, JIANG Chan - yi (1326)

Simultaneous determination of 5 kinds of halogenated hydrocarbons in drinking water by auto headspace capillary gas chromatography	WANG Dan, LI Peng, LI Li - jun, <i>et al</i> (1329)
Determination of eleven halogenated acids in drinking water by liquid - liquid extraction and gas chromatography with electron capture detector	XIAO Hui - zhen, XU Xiao - zuo, LU Bi - ru, <i>et al</i> (1332)
Experimental Study	
The effect of propofol pretreatment on sleep deprivation - induced learning and memory impairment and neuroinflammation in mice	QIN Bing, YANG LI, YANG Shu - li, <i>et al</i> (1336)
Food and Drug Inspection	
Determination of the arsenic and mercury in hops by microwave digestion - atomic fluorescence spectrometry in different localities	HE Wen - Jing, ZHANG Fan, LIU Hong - bin, <i>et al</i> (1339)
Study on different digestion methods for determination of aluminum in food and its quality control	LIAO Yan - hua, WU Zu - jun, MENG Hua - yi, <i>et al</i> (1342)
Discuss a method of detecting artificial synthetic pigment in liquid foods	SU Hui, WU Xia, LAI Xian - zhi (1345)
Method for proper NaClO concentration with DPD in the detection of iodine salt	XU Lin, GONG Ling, DONG Jun - ming, WANG Ling - qiu, <i>et al</i> (1348)
Determination of 14 elements in crayfish by inductively coupled plasma - atomic emission spectrometry	SONG Zhi - zhou, ZHU Zhao - zhong, GUI Ting - ting, <i>et al</i> (1351)
Improve quantitative method in determination of sodium cyclamate in juice by gas chromatography	WANG Li - jun, JIANG Hong - jin (1354)
Microbe Detection Method	
Research on the consistency of RBPT and SAT Serological test of brucellosis	SU Xiao - ling, FAN Yong - zhen, WANG Jia - min, <i>et al</i> (1357)
Research on a rapid detection of enterotoxin B <i>Staphylococcus aureus</i> with fluorescent nanoparticles labeling technology	XIANG Hui, ZHU Hai, SUN Shi - hong, <i>et al</i> (1359)
Preparation technology and the properties of proficiency testing sample for microorganism detection in cosmetics	ZHANG Li - ping, LUO Jian - bo, LI Yue - huan, <i>et al</i> (1363)
Detection of <i>Escherichia coli</i> O157:H7 based on quantum dot and magnetic bead	ZHANG Yan - Hui, XIE Fu - yi, CHEN Xiao - li (1366)
Clinical Laboratory Test	
The value of the detection of serum Cys - C, NGAL and urinary KIM - 1, IL - 18 from the early kidney damnification of heroin addicts	HE Jun, ZHANG Shu, XU Qi, <i>et al</i> (1369)
Research on the reference ranges of calcium, zinc and iron in the blood of healthy children below 12 years old	WANG Peng, YIN Zhi - qiang, FENG Jian - fei, <i>et al</i> (1373)
Impact of NGF and naloxone on S100B protein of HIE children and NSE levels	WEI Ai - ting, SUN Lin - lin (1375)

Consistency research on HER-2 protein expression and <i>HER-2</i> gene amplification state in breast cancer tissue	WU Dong-xia, GUO Yuan-li, SHEN Xi-ming, <i>et al</i> (1377)
Inspect the patients and donors of Rh phenotype and clinical blood transfusion	WANG Bin, JIN Li-qin (1380)
The value of serum apolipoprotein E detection for diagnosis and prognosis of hospital acquired pneumonia	ZHU Yue-qing, ZHU Xiao-lin, ZHU Xiu-fang (1382)
The changes trend of parameters of platelet and its clinical significance in acute pulmonary thromboembolism patients with thrombolytic therapy	LI Mian-mian, YU Ling-ling, JIANG Wei-yan, <i>et al</i> (1384)
Comparison of CellaVisionDM96 blood cell morphology analysis system and microscope classification informatics system	CHEN Rong-fa, YU Ling-ling, CHEN Xiao-qing, <i>et al</i> (1387)
Clinical significance of seminal plasma biochemical analysis in the diagnosis of spermatic vein qu	SHA Kun, QI Ying-ying (1389)
Analysis of the antibody test results of suspected cases with measles, rubella during 2011-2011 in Zhumadian	FAN Ya-Li (1391)
Molecular Diagnosis and Gene Detection	
Etiology analysis of an outbreak of acute gastroenteritis caused by norovirus	ZHANG Chong, ZHANG Lan-rong, ZHANG Yang, <i>et al</i> (1394)
Study on virulence factors and homology of <i>Vibrio parahaemolyticus</i> isolated from food poisoning	SHA Dan, GUAN Hong-xia, FENG Wei-hong, <i>et al</i> (1397)
Effect of the lead exposure on the transcription level of <i>STX</i> gene in hippocampus	LI-Juan, LI Jia-min, AI Bao-min, <i>et al</i> (1400)
Phage typing of <i>Escherichia coli</i> O157:H7	ZHOU Lu, DONG Chen, YANG Hua-fu, <i>et al</i> (1403)
Evolution analysis of <i>HA1</i> gene of pandemic influenza H1N1 virus in Jiangxi province during 2009-2011	XU Gang, XIONG Ying, GONG Tian, <i>et al</i> (1407)
Analysis of hemagglutinin genetic characterization of influenza B virus circulated in Changzhou area in 2012	LI Qiong, XU Jie, YAO Ping, <i>et al</i> (1410)
Association of <i>GCK</i> gene polymorphism and blood sugar level of Han people	LIN Yu-ling, JIN Wen-bo, LIU Lin, <i>et al</i> (1413)
Monitoring and Analysis	
Detection and analysis of infection pathogens of diarrhea in Quzhou area during 2010-2014	LU Jun, BAI Yong-feng, YU Xu-liang, <i>et al</i> (1416)
Analysis on personal radiation exposure levels of radiation workers in Foshan	XU Wen-ting, DONG Xue-mei, CHEN Song-gen, <i>et al</i> (1419)
Analysis of epidemiological characteristics of syphilis in Chengde from 2008 to 2013	WANG Jing-hua, WANG Hai-lian (1423)
Analysis on monitoring results of trichloromethane and carbon tetrachloride in municipal product water in Guizhou province	

during rain season in 2014	LI Xue - chun, ZHANG Wei - guo, Lin Ye (1426)
Epidemiological characteristics and etiologic analysis of hand - foot - mouth disease in Xuancheng during 2010 to 2013	CHEN Xiao - long, YANG Yun, HUANG Zhi - wei (1429)
Analysis of bacterial resistance in the First maternal and children hospital of Huizhou during 2011 to 2013	YANG Kun - xiang, ZHONG Ze - yan, HUANG Yu - ling, <i>et al</i> (1432)
Monitoring and analysis of sanitation quality of maket - selling imitative ceramic tableware in Changping district of Beijing	YAN Ge - bin, LU Dan (1436)
Etiological surveillance of children with hand foot and mouth disease in Huzhou city during 2011 - 2013	SHEN Yue - hua, JI Lei, Zhu Xiao - juan, <i>et al</i> (1439)

Investigation Report

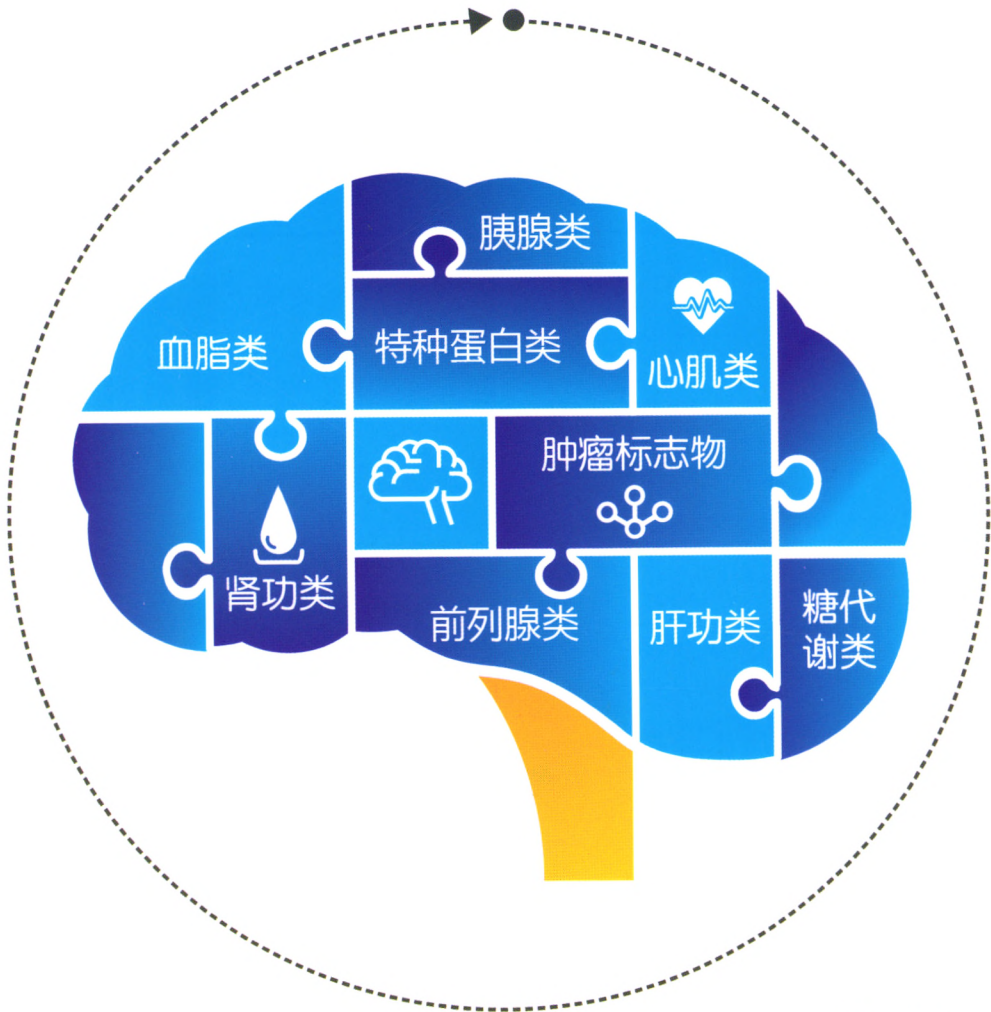
Analysis of the invetigation results of the infection cross sectional in hospital in 2014	GE Ri - le, LI Cheng, YUAN Yuan (1442)
Analysis of affect fectors of medium pH stability	SONG Chang - yan, SHI Yang, SHENG Man - yu (1444)
The cadmium pollution investigation of tea trees and soil in northeastern Hunan province tea gardens	XIANG Su - wen, LIU Su - chun (1449)
Investigation on disinfection equipment and microbial contamination of 24 standardized vaccination clinics	SUN Ye - xiang, CHAI Peng - fei, LIN Hong - bo, <i>et al</i> (1452)
Study on measles antibody level for the measles IgG of population in Hebei province in 2011	LIU Yan, WANG Jing - hui, DU Hui, <i>et al</i> (1455)

Bacterial Resistance Research

Analysis of subtype and transmitted drug resistance among part HIV infections under 25 year - old in Jiangxi province in 2013	ZHANG Na, LIU Li - ping, YI Zhi - qiang, <i>et al</i> (1458)
Study on the drug resistance genotype of AmpC - producing gram - negative bacilli from patients suffering chronic obstructive pulmonary disease (COPD) with infections in the lower respiratory tract	LU Hai - yue , LIN Ping (1461)
Analysis and detection of the drug resistance of genitourinary tract mycoplasma of women in Yueqing area	HAN Li - juan, ZHU Xiao - yan, WANG Ben (1464)



创新轨迹  永不停息



 我们为您提供
有竞争力的全线生化试剂产品

我们的 实力

追求卓越·成就未来

北京九强生物技术股份有限公司
金斯尔·九强生物旗下体外诊断试剂品牌
免费咨询电话 800-810-0197/1373

▶ 863计划

自 2011 年起，九强生物成为“863 计划”《体外诊断技术产品开发重大项目》“心脑血管慢性损伤及急救指标等体外诊断试剂的研制”项目成员之一。

2014 年，九强生物牵头 863 计划《人体营养素检测关键技术与产品开发》主题项目“人体维生素与抗氧化能力等检测系统及配套试剂的研发”课题。

课题编号：2014AA022304。

▶ 创业板成功上市

2014 年 10 月 30 日，九强生物在创业板首次公开发行 A 股成功上市。

▶ 连续九年上榜福布斯

2006 年 - 2014 年，九强生物连续九年被评为“福布斯中国潜力企业”。

▶ CysC 国家标准物质制备

九强生物实验室参与 CysC 国家标准物质研制工作：

- 承担标准物质制备工作
- 参与标准物质定值工作
- 完成标准物质互换性测试