

中国科技论文统计源期刊(中国科技核心期刊)

ISSN 1006-1703  
CN 11-3294/R

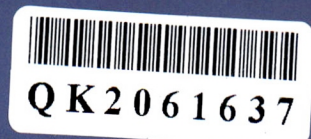
# 标记免疫分析与临床

BIAOJI MIANYI FENXI YU LINCHUANG

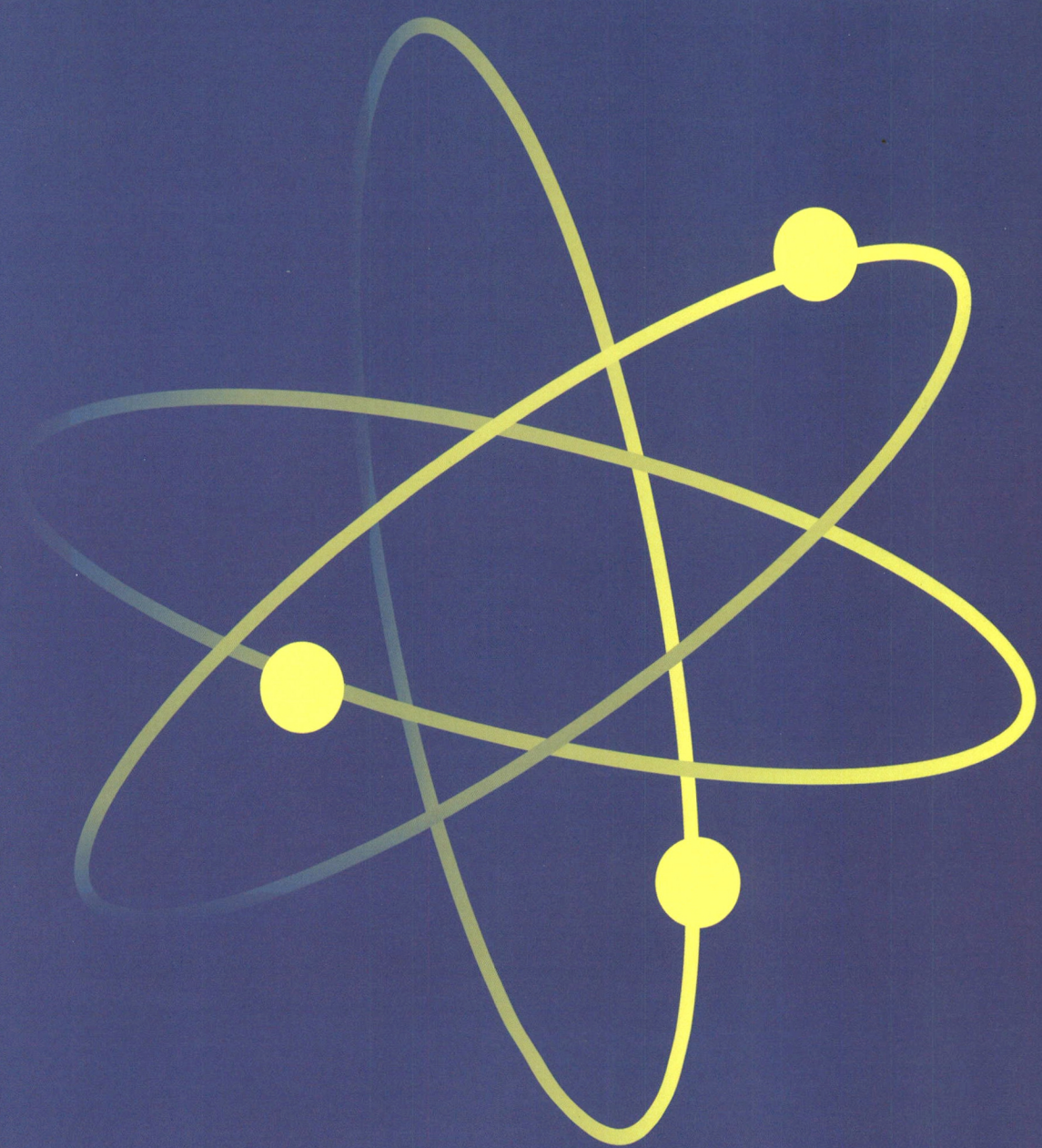
LABELED IMMUNOASSAYS AND CLINICAL MEDICINE

2020年 第27卷 第12期

Vol. 27 No.12 2020



QK2061637



ISSN 1006-1703



9 771006 170202

万方数据

中国同辐股份有限公司

China Isotope & Radiation Corporation

# 标记免疫分析与临床

## Labeled Immunoassays and Clinical Medicine

月刊

1994年2月创刊

第27卷

第12期(总170期)卷终

2020年12月25日出版

### 主管

中国核工业集团有限公司

### 主办

中国同辐股份有限公司

### 编辑

标记免疫分析与临床编辑委员会

### 主编

田亚平

### 编辑部主任

李凌

### 出版

中核(北京)期刊出版有限公司

### 印刷

北京科信印刷有限公司

### 发行

公开发行

中国邮政集团公司北京市报刊发行局

### 订购

全国各地邮政局

邮发代号:2-307

### 邮购

中核(北京)期刊出版有限公司

### 定价

每期25元

全年300元

### 地址

北京市海淀区厂洼中街66号院207室

邮编100089

### 电话

(010)68515701

(010)68517801

### 网址

www.chinabjmy.com

### E-mail

bjmy@circ.com.cn

中国标准连续出版物号

ISSN 1006-1703

CN 11-3294/R

## 目次

### 论著

#### 临床研究

23 195 例人乳头瘤病毒基因分型检测结果分析

..... 罗保斌,张明新,刘向祎(2021)

<sup>99</sup>Tc<sup>m</sup>-MDP 三相骨显像联合 CT 成像对创伤后骨髓炎的  
诊断价值

..... 杨芳,杨吉刚,马大庆,张连娜,冯瑾(2025)

呼吸道病原体多重核酸检测方法在社区获得性肺炎患儿  
诊断中的应用

..... 赵延如,李洁琼,刘芳,吴喜蓉,赵志鹏,

尹青琴,王咏红,马琦,全舒婷,王亚翠,孙琳,申阿东(2030)

血清 sFlt-1/PlGF 比值与围产儿结局的关系

..... 赵晟隆,刘晓巍,刘静,田玉翠(2035)

IL-18 水平与慢性荨麻疹关系的 Meta 分析

..... 周博洋,林励,李明,李邻峰(2040)

舌下含服粉尘螨滴剂治疗单一和多重变应原变应性鼻炎  
的临床疗效观察

..... 孙楚东,肖蒙,郝钧,罗丽华,赵连阳,郑永刚(2044)

尿视黄醇结合蛋白、中性粒细胞明胶酶相关脂质运载蛋白  
与痛风患者肾功能的关联性研究

..... 王勇,白丽杰,王静,赵静,铁宁(2050)

乳腺癌<sup>18</sup>F-FDG PET/CT 显像 SUV<sub>max</sub> 与病理特征的相关性研究

..... 徐鑫,李继会,周夜夜,邓胜明(2054)

弥漫大 B 细胞淋巴瘤患者血清 β<sub>2</sub>-MG 水平与预后的关系

..... 卢丹,胡艳,袁韵(2059)

<sup>131</sup>I 治疗合并肝损害 Graves 甲亢的疗效分析

..... 董佳佳,章斌,韩江琴,朱婷婷,杨翩(2063)

先天性心脏病患儿围术期血清 T<sub>4</sub>、T<sub>3</sub>、TSH、FT<sub>3</sub>、FT<sub>4</sub> 水平  
变化研究

..... 吴虹(2067)

类风湿因子引起抗双链 DNA IgG 抗体水平假性升高的探讨

..... 潘晶晶,任春锋,明亮(2071)

急性心肌梗死合并糖尿病患者应用脑利钠肽对心肌的  
保护作用及对血管炎性因子的影响

..... 张莹洁,任岩春,胡喜田,吴志红,赵永峰,董静杰(2075)

亚甲基四氢叶酸还原酶基因多态性与 2 型糖尿病肾病  
相关性的研究

..... 俞刚,郑玉平,沈静(2079)

重庆地区 58 152 例体检者亚临床性甲状腺功能减退  
与代谢异常的相关性分析

..... 刘屹斯,陈宗涛(2083)

血清 LRG1、ANG2、OPN 联合检测对卵巢癌早期诊断的  
价值分析

..... 李凡,毕胜利,张学林,武海博,钱晓蕾(2087)

## II

- 糖化血红蛋白变异指数对糖尿病大血管病变风险的评估价值  
..... 蒋俊兰,刘尚全,汪 奇(2092)
- 原发性肾病综合征患者血清 sTREM-1 和 sCD14 水平及与并发感染的关系分析  
..... 唐春雪,徐 革,葛 斌,游锐旭(2097)
- 三阴性乳腺癌中  $\beta$ -肾上腺素能受体的表达及与上皮间质化相关性研究  
..... 王 敏,郭梅艳,董 雨,苗 玲,王友明,吕 晶(2102)
- 内脏脂肪及内脏脂肪/皮下脂肪比率与卒中后认知障碍发生的相关性分析  
..... 莫秀英,谢伟坚,梅 麒,张业昆(2107)
- 冠心病合并心力衰竭患者血清 Adropin、sST2、BNP 水平与预后的关系分析  
..... 廖贵娟,陶 伟(2112)
- PTX 3 在重症肺炎患儿血清中的表达及其与炎症因子、预后的关系  
..... 王朝媛,周 琼,甘 菊,王樱儒,蔡晓燕(2117)
- 糖尿病性视网膜病变患者房水中炎症因子的作用  
..... 田 斌,周 莉,吉媛红,张红岩(2122)
- T 细胞亚群分布对过敏性紫癜患儿复发风险的预测价值  
..... 宋丹阳,江雅静,刘 昱,王 鹤,曹 畅(2126)
- 惠州地区成年人甲状腺摄<sup>131</sup>I 率正常值的确立及其意义  
..... 岳阳平,黄春花(2132)
- Graves 甲亢患者<sup>131</sup>I 治疗前后凝血功能指标及血小板参数的变化  
..... 李 杰,尹义梅,刘世浩,李东辉(2134)
- PT、APTT、FBG 及 AT-III 在类风湿性关节炎病情活动度监测中的意义  
..... 蔡聪颖(2138)

### 基础研究

- miR-491-5p 靶向 FGFR4 调节 GSK3 $\beta$ / $\beta$ -catenin 信号通路对小儿肝母细胞瘤增殖和迁移的影响  
..... 黄凤霞,李海燕,黄君华,贺红艳,汤丽燕(2142)
- 香青兰总黄酮通过调控 lncRNA FOXD3-AS1 对 ox-LDL 诱导的血管内皮细胞损伤的影响  
..... 宋欣丽,于 梦,孙 丽,梁 芳,鲁卫星(2150)
- miR-320b 通过靶向调控 c-myc 抑制人结直肠癌细胞增殖的实验研究  
..... 李 亮,帕合热迪妮·玉素莆,李建刚(2157)
- 白花蛇舌草通过抑制 CXCR3 的表达调控非小细胞肺癌细胞 A549 凋亡的机制研究  
..... 胡同晨,果 然,魏晓琼,彭华利,周 洋,杨 帆(2164)
- 程序性死亡受体配体-1 促进乳腺癌细胞上皮-间充质转化的研究  
..... 吴沉昊,周 蓓,王 婧(2171)

### 方法研究

- 短时固相培养法联合 MALDI-TOF MS 快速鉴定含活性炭阳性血培养标本  
..... 吴富炜,王圆圆,杨靖娴(2176)

### 实验室质量管理

- 电化学发光肿瘤标志物检测质控计划建立方法的探讨  
..... 梁河涛,刘华伟,黄潇苇,叶庭菠(2181)

### 综 述

- <sup>99</sup>Tc<sup>m</sup>-MIBI SPECT/CT 同机融合显像对鼻咽癌临床应用的研究进展  
..... 程立萍,郭 林,金 刚(2186)
- 血小板炎症在糖尿病肾病发生发展中作用的研究进展  
..... 李世琦,霍剑波,刘志忠(2191)

### 病例报告

- <sup>99</sup>Tc<sup>m</sup>-MDP 骨显像诊断阿德福韦酯相关低磷性骨软化症 1 例报道  
..... 闵文普,韩云峰,赵 明,陈 璟,高凌云,周 健(2197)

英文摘要目次 ..... (III)

# Labeled Immunoassays and Clinical Medicine

Monthly Established in February 1994 Volume 27, Number 12 (Cumulated No. 170)

Dec. 25, 2020

<b>Responsible Institution</b>	<b>CONTENTS IN BRIEF</b>
China National Nuclear Corporation	
<b>Sponsor</b>	
China Isotope & Radiation Corporation	
<b>Editing</b>	
Editorial Board of Labeled Immunoassays and Clinical Medicine	
<b>Editor-in-Chief</b>	
TIAN Yaping(田亚平)	
<b>Editorial Director</b>	
LI Ling(李凌)	
<b>Publishing</b>	
CNNC (Beijing) Periodical Publishing Co. Ltd.	
<b>Printing</b>	
Beijing Kexin Printing Co. Ltd.	
<b>Distribution</b>	
Beijing Publishing Bureau of China Post Group Corporation	
<b>Mail-Order</b>	
CNNC (Beijing) Periodical Publishing Co. Ltd.	
<b>Address</b>	
Room 207, No. 66 Changwa Zhongjie, Haidian District, Beijing 100089, China	
Tel(010) 68515701 (010)68517801	
<b>CNNS</b>	
ISSN 1006-1703 CN 11-3294/R	
	<b>Original Article</b>
	<b>Clinical Investigation</b>
	<b>An Analysis of Human Papillomavirus Genotype Results in 23 195 Women</b> LUO Baobin, ZHANG Mingxin, LIU Xiangyi ..... (2021)
	<b>The Diagnostic Efficacy of <sup>99m</sup>Tc-MDP TPBS Combined with CT in the Detection of Infections in Post-Traumatic Fracture Delayed Union</b> YANG Fang, YANG Jigang, MA Daqing, ZHANG Lianna, FENG Jin ..... (2025)
	<b>The Application of Multiple Nucleic Acid Detection for Respiratory Pathogens in the Diagnosis of Children with CAP</b> ZHAO Yanru, LI Jieqiong, LIU Fang, WU Xirong, ZHAO Zhipeng, YIN Qingqin, WANG Yonghong, MA Qi, QUAN Shuting, WANG Yacui, SUN Lin, SHEN Adong ..... (2030)
	<b>The Relationship Between Serum sFlt-1/PlGF Ratio and Perinatal Outcome</b> ZHAO Shenglong, LIU Xiaowei, LIU Jing, TIAN Yucui ..... (2035)
	<b>A Meta-Analysis of the Relationship Between IL-18 and Chronic Urticaria</b> ZHOU Boyang, LIN Li, LI Ming, LI Linfeng ..... (2040)
	<b>Sublingual Administration of Dermatophagoides Farinae Drops in the Treatment of Single and Multiple Allergen Allergic Rhinitis</b> SUN Chudong, XIAO Meng, HAO Jun, LUO Lihua, ZHAO Lianyang, ZHENG Yonggang ..... (2044)
	<b>The Relationship Between Urinary Retinol Binding Protein, Neutrophil Gelatinase Associated Lipocalin and Renal Function in Patients with Gout</b> WANG Yong, BAI Lijie, WANG Jing, ZHAO Jing, TIE Ning ..... (2050)
	<b>The Correlation Between SUVmax and Pathological Characteristics of Breast Cancer</b> XU Xin, LI Jihui, ZHOU Yeye, DENG Shengming ..... (2054)
	<b>The Relationship Between Serum <math>\beta_2</math>-MG Level and Prognosis in Patients with Diffuse Large B-Cell Lymphoma</b> LU Dan, HU Yan, YUAN Yun ..... (2059)
	<b>The Efficacy of <sup>131</sup>I Treatment in Patients of Greaves' Disease Combined with Hepatic Function Injury</b> DONG Jiajia, ZHANG Bin, HAN Jiangqin, ZHU Tingting, YANG Pian ..... (2063)
	<b>Perioperative Changes of Serum T<sub>4</sub>, T<sub>3</sub>, TSH, FT<sub>3</sub> and FT<sub>4</sub> in Children with Congenital Heart Disease</b> WU Hong ..... (2067)
	<b>A Study on False Increases in Anti-Double-Stranded DNA IgG Antibody Concentrations Due to Rheumatoid Factor</b> PAN Jingjing, REN Chunfeng, MING Liang ..... (2071)
	<b>The Effect of Brain Natriuretic Peptide on Myocardial Protection and Vascular Inflammatory Factors in Patients with Acute Myocardial Infarction and Diabetes</b> ZHANG Yingjie, REN Yanchun, HU Xitian, WU Zhihong, ZHAO Yongfeng, DONG Jingjie ..... (2075)
	<b>The Correlation Between Genetic Polymorphism of Methyltetrahydrofolate Reductase and Type 2 Diabetic Nephropathy</b> YU Gang, ZHENG Yuping, SHEN Jing ..... (2079)
	<b>An Analysis of the Relationship Between Subclinical Hypothyroidism and Metabolic Abnormality Among 58 152 Physical Examinees in Chongqing Area</b> LIU Yisi, CHEN Zongtao ..... (2083)
	<b>The Value of Combined Detection of Serum LRG1, ANG2 and OPN in Early Diagnosis of Ovarian Cancer</b> LI Fan, BI Shengli, ZHANG Xuelin, WU Haibo, QIAN Xiaolei ..... (2087)
	<b>The Evaluation Value of Hemoglobin Glycation Index for the Risk of Diabetic Macroangiopathy</b> JIANG Junlan, LIU Shangquan, WANG Qi ..... (2092)

<b>An Analysis of Serum Levels of sTREM-1 and sCD14 in Patients with Primary Nephrotic Syndrome and Their Relationships with Complicated Infections</b>	
TANG Chunxue, XU Ge, GE Bin, YOU Kaixu .....	(2097)
<b>The Expression of <math>\beta</math>-Adrenergic Receptors in Triple-Negative Breast Cancer and Its Correlation with Epithelial Mesenchymalization</b>	
WANG Min, GUO Meiyuan, MIAO Ling, WANG Youming, LYU Jing .....	(2102)
<b>The Correlation Between Visceral Fat, Visceral Fat/Subcutaneous Fat ratio and Post-Stroke Cognitive Impairment</b>	
MO Xiuying, XIE Weijian, MEI Qi, ZHANG Yekun .....	(2107)
<b>The Relationship Between Serum Adropin, sST2, BNP Levels and Prognosis in Patients with Coronary Heart Disease and Heart Failure</b>	
LIAO Guijuan, TAO Wei .....	(2112)
<b>The Expression of PTX 3 in Serum of Children with Severe Pneumonia and Its Relationship with Inflammatory Factors and Prognosis</b>	
WANG Chaoyuan, ZHOU Qiong, GAN Ju, WANG Yingru, CAI Xiaoyan .....	(2117)
<b>Expressions of Inflammatory Factors in Aqueous Humor of Patients with Diabetic Retinopathy and Their Significances</b>	
TIAN Bin, ZHOU Li, JI Yuanhong, ZHANG Hongyan .....	(2122)
<b>The Predictive Value of the Distribution of T Cell Subsets in Children with Allergic Purpura</b>	
SONG Danyang, JIANG Yajing, LIU Yu, WANG He, CAO Chang .....	(2126)
<b>The Establishment and Significance of the Normal Value for Thyroid RAIU in Adult Population of Huizhou City</b>	
YUE Yangping, HUANG Chunhua .....	(2132)
<b>Changes of Coagulation Function and Platelet Parameters in Patients with Graves' Hyperthyroidism Before and After <math>^{131}\text{I}</math> Treatment</b>	
LI Jie, YIN Yimei, LIU Shihao, LI Donghui .....	(2134)
<b>Significances of PT, APTT, FBG and AT-III in Monitoring the Disease Activity of Rheumatoid Arthritis</b>	
CAI Congying .....	(2138)
<b>Basic Research</b>	
<b>Effects of MiR-491-5p/FGFR4-Regulated GSK3<math>\beta</math>/<math>\beta</math>-catenin Signaling Pathway on the Proliferation and Migration of Pediatric Hepatoblastoma</b>	
HUANG Fengxia, LI Haiyan, HUANG Junhua, HE Hongyan, TANG Liyan .....	(2142)
<b>The Effect of Total Flavonoids from <i>Dracocephalum Moldavica</i> L. on ox-LDL-induced Vascular Endothelial Cell Injury by Regulating lncRNA FOXD3-AS1</b>	
SONG Xinli, YU Meng, SUN Li, LIANG Fang, LU Weixing .....	(2150)
<b>MiR-320b Inhibits the Proliferation of Human Colorectal Cancer Cells by Targeting C-myc</b>	
LI Liang, PAHEREDINI Yusupu, LI Jianguang .....	(2157)
<b>A Study on the Functional Mechanism of Hedyotis Diffusa by Inhibiting the Expression of CXCR3 in Regulating the Apoptosis of Non-small Cell Lung Cancer Cell A549</b>	
HU Tongchen, GUO Ran, WEI Xiaoqiong, PENG Huali, ZHOU Yang, YANG Fan .....	(2164)
<b>Programmed Death Receptor Ligand-1 Promotes Epithelial Mesenchymal Transition in Breast Cancer Cells</b>	
WU Chenhao, ZHOU Bei, WANG Jing .....	(2171)
<b>Assay Development</b>	
<b>The Rapid Identification of Microorganisms from Positive Blood Culture Containing Charcoal by MALDI-TOF MS After Short-term Incubation on Solid Medium</b>	
WU Fuwei, WANG Yuanyuan, YANG Jingxian .....	(2176)
<b>Laboratory Quality Management</b>	
<b>A Discussion on the Establishment of Quality Control Plan for Electrochemical Luminescent Tumor Marker Detection</b>	
LIANG Hetao, LIU Huawei, HUANG Xiaowei, YE Tingbo .....	(2181)
<b>Review</b>	
<b>The Research Progress of Clinical Applications of <math>^{99}\text{Tc}^m</math>-MIBI SPECT/CT Fusion Imaging in Nasopharyngeal Carcinoma</b>	
CHENG Liping, GUO Lin, JIN Gang .....	(2186)
<b>The Role of Platelet Inflammation in the Development of Diabetic Nephropathy</b>	
LI Shiqi, HUO Jianbo, LIU Zhizhong .....	(2191)
<b>Case Report</b>	
<b><math>^{99}\text{Tc}^m</math>-MDP Bone Imaging in the Diagnosis of Hypophosphatemic Osteomalacia Induced with Adefovir Dipivoxil: a Case Report</b>	
MIN Wenpu, HAN Yunfeng, ZHAO Ming, CHEN Jing, GAO Lingyun, ZHOU Jian .....	(2197)

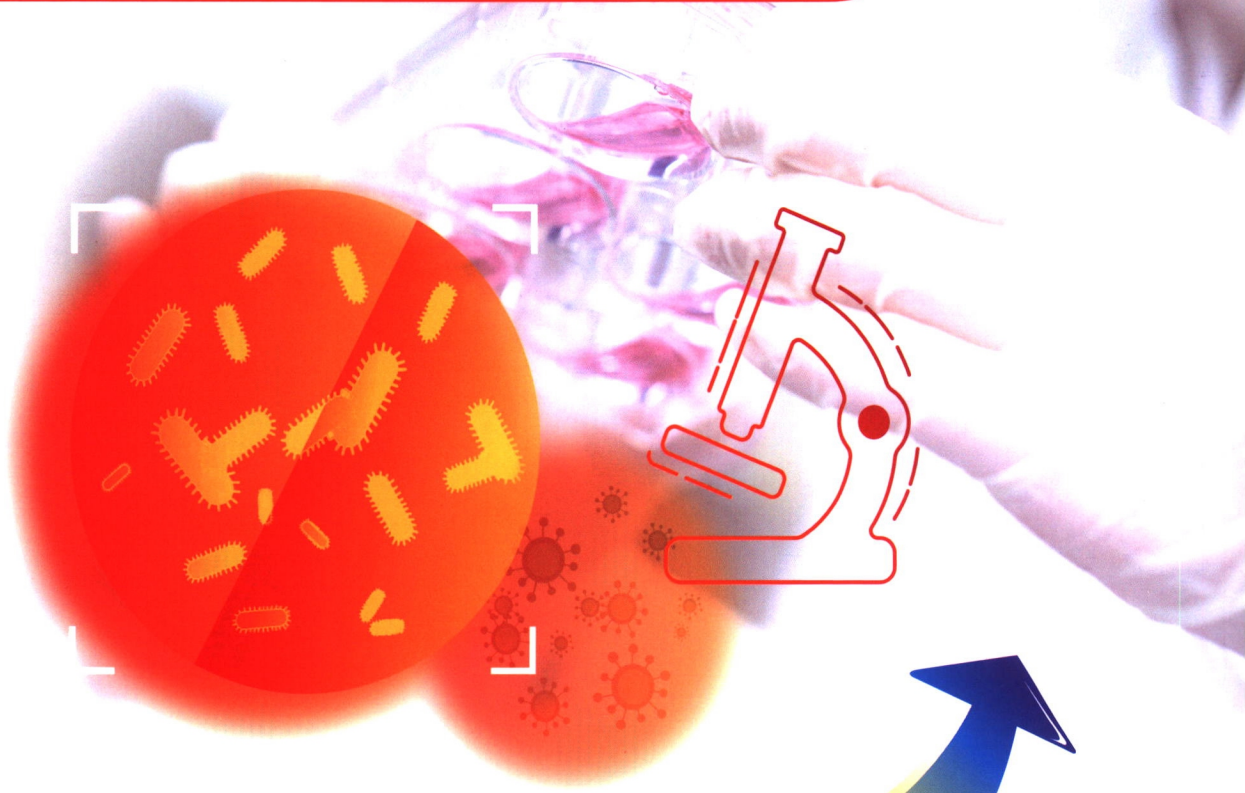
社 长 王丁泉  
副 社 长 李 凌  
本 期 编 辑 李 凌 潘子昂  
责 任 编 辑 李 凌  
英 文 审 校 宋文字 刘丽君

期刊基本参数: CN 11 - 3294/R \* 1994 \* M \* A4 \* 180 \* zh \* P \* ¥25.00 \* 1100 \* 37 \* 2020-12

血清淀粉样蛋白A测定试剂盒

胶乳免疫比浊法

SAA



● 液体试剂 ● 胶乳免疫比浊法 ● 适用于生化分析仪

— 感染性疾病的早期诊断指标 —

金斯尔·九强生物旗下体外诊断产品品牌

北京九强生物技术股份有限公司 Beijing Strong Biotechnology, Inc.

地址：北京市海淀区花园东路15号旷怡大厦5层 电话：+86-10-82012486

网址：www.bsbe.com.cn 免费电话：400-819-0576

医疗器械注册证编号：京械注准20192400696

广告批准文号：京械广审（文）第241022-00241号

—— 禁忌内容或注意事项详见说明书 ——