

研究简报

大鼠白蛋白酶联免疫分析试剂盒的研制

韩世泉 刘一兵 许文革 袁志刚

中国原子能科学研究院同位素所

收稿日期 2008-4-17 修回日期 2008-12-30 网络版发布日期: 2009-2-20

摘要 摘要: 采用大鼠白蛋白免疫绵羊得到羊抗大鼠白蛋白抗血清, 建立了大鼠白蛋白酶联免疫分析方法。本方法的测量范围1~50 mg/L, 灵敏度为0.42 mg/L, 回收率为85.0%~106.0%, 批内、批间变异系数分别小于8.9%和12.8%, 高浓度大鼠尿样系列倍比稀释后测定, 实测值和计算值呈线性相关, 相关系数>0.990。大鼠白蛋白酶联免疫试剂盒的研制为肾病药物的开发及肾损伤的研究提供了方便。

关键词 [酶联免疫分析](#) [大鼠白蛋白](#) [肾损伤](#)

分类号

The Development of ELISA Kit for Rat Albumin

HAN Shi-quan LIU Yi-bing YUAN Zhi-gang

Abstract 【Abstract】 The Anti-rat albumin serum was prepared by immunized the sheep with rat albumin. A ELISA method was established for rat albumin. The measurement range of the assay was 1~50μg/ml, sensitivity of the assay was 0.42μg/ml, recovery rate was 85.0~106.0%. Intra- and inter-assay variation coefficients were < 8.9% and <12.8% respectively. The correlation coefficients between measured and expected values were more than 0.990 after serial dilution of the urine samples with high concentrations of rat albumin. The kit for rat albumin might provide a convenience in exploitation of renal drugs and experimental injury of the kidney.

Key words [ELISA](#) [rat albumin](#) [injury of the kidney](#)

DOI

通讯作者 袁志刚 baojian1@sina.com

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