



张德波. 布洛芬细菌内毒素检查法研究[J]. 中国现代应用药学, 2012, 29(3): 261-264

布洛芬细菌内毒素检查法研究

Study on Testing for Bacterial Endotoxin in Ibuprofen

投稿时间: 2011/8/31 最后修改时间: 2011/11/30

DOI:

中文关键词: [布洛芬](#) [细菌内毒素检查](#) [干扰试验](#)

英文关键词: [ibuprofen](#) [bacterial endotoxin test](#) [interference test](#)

基金项目:

作者	单位	E-mail
张德波	ZHANG Debo	zhangdebo69@126.com

摘要点击次数: 25

全文下载次数: 27

中文摘要:

目的 建立布洛芬细菌内毒素检查方法。方法 按中国药典2010年版二部, 确定合理的布洛芬内毒素限值, 并研究布洛芬对细菌内毒素与鲎试剂反应的干扰情况, 以确定其最大不干扰试验浓度。结果 根据临床实际应用情况, 确定布洛芬的内毒素限值为 $L=0.20 \text{ EU} \cdot \text{mg}^{-1}$, 使用2个厂家生产的鲎试剂试验, 结果本品配制成 $\leq 0.625 \text{ mg} \cdot \text{mL}^{-1}$ 浓度对反应无干扰作用。结论 细菌内毒素检查法可用于布洛芬细菌内毒素的检查。

英文摘要:

OBJECTIVE To establish a method of examining bacterial endotoxin for ibuprofen. METHODS To determine the reasonable limit of bacterial endotoxin by Chinese Pharmacopoeia 2010; and study on testing for bacterial endotoxin to determine the noninterference concentration for ibuprofen. RESULTS According the dose of clinical medication to determine the most suitable limit of bacterial endotoxin in preparations for ibuprofen was $0.20 \text{ EU} \cdot \text{mg}^{-1}$ and used the TAL of two manufacturers to test, and it was proved that the maximum noninterference concentration was $0.625 \text{ mg} \cdot \text{mL}^{-1}$ and the best testing concentration was no more than $0.625 \text{ mg} \cdot \text{mL}^{-1}$. CONCLUSION It was showed that the method is suitable for the ibuprofen of bacterial endotoxin test.

[查看全文](#) [查看/发表评论](#) [下载PDF阅读器](#)

[关闭](#)