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高效液相色谱—电化学检测法同时测定血浆中5-羟色胺和5-羟吲哚乙酸

唐爱国, 吴轰, 高洁生, 杨锡兰

湖南医科大学附属第二医院中心实验室

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摘要 A simple and Sensitive method for the simultaneous measurement of serotonin(5-HT)and 5-hydroxyin-doleacetic acid(5-HIAA)in plasma is described. Plasma samples, only deproteinated, without further extraction, were directly injected into and high performance liquid chromatographic column and detected electrochemically. Within 18 min, the total separation was achieved. The recovery reached over 90%. The coefficient of variation in retention time was less than 2.5% and in peak area was less than 1.2%.

关键词 [高效液相色谱法](#) [电化学检测](#) [5-羟色胺](#) [5-羟吲哚乙酸](#) [血浆](#)

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