

论著

上海“本地人”正常人群GSTT1和GSTM1基因型多态性研究

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摘要 目的与方法:以聚合酶链式反应(PCR)技术对上海“本地人”正常人群GSTT1和GSTM1基因型多态性进行了研究。结果:上海“本地人”正常人群中GSTT1纯合缺损基因型和GSTM1纯合缺损基因型的比率分别为48.153%和54.140%,与上海市区正常人群中两种基因型的分布比率(分别为49.132%和48.186%)没有显著差别。GSTT1-GSTM1综合基因型4种状态在两个人群中的分布频率也没有显著差别。结论:GSTT1和GSTM1基因型多态性在同为上海地区居民的上海“本地人”正常人群和上海市区正常人群中呈均一分布。

关键词 [GSTT1和M1基因型](#) [多态性](#) [上海“本地人”正常人群](#)

GENETIC POLYMORPHISM OF GLUTATHIONE S-TRANSFERASE T1 AND M1 IN SHANGHAI “INDIGENE” POPULATION

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Abstract Purpose and Methods : Population polymorphisms of the GSTT1 and M1 genes in the Shanghai“indigene”group were evaluated using the PCR procedure. Results : In this group , the frequencies of GSTT1 null and GSTM1 null genotype are 48. 53 % and 54. 40 % , respectively. No significant differences were detected between urban individuals (49. 32 % and 48. 86 % , respectively) and an“indigene”group in suburb of Shanghai for GSTT1 and GSTM1 genotypes alone , as well as for four combined genotypes of GSTT1 and GSTM1. Conclusion : Between the“indigene”population in remote suburb and the urban population in downtown of Shanghai the genetic polymorphism distribution of GSTT1 and GSTM1 genes is proved to be homogenous.

Keywords [GSTT1 and GSTM1 genes](#) [genotype polymorphism](#) [“indigene”Shanghai population](#)

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