

# 上海居民Hp血清型的分析研究(第一报)

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摘要 本文使用聚丙烯酰胺凝胶电泳技术检查了上海地区健康男、女居民共1, 231人的Hp血清型的分布状况。Hp各型的出现频度是Hp1-1型9.91%, Hp2-1型35.34%, Hp2-2型53.94%, Hp0型0.81%。其基因频率 H1p:0.2572, H2p:0.6650, H0p:0.0778。X<sup>2</sup>:1.5528。P>0.2。Hp血清型除有上述4型外, 还有2-1C型、2-1M型、J-1型以及过去文献上尚未提及的K-1型等。Hp各型在男女性别是1-1型男性: 8.36%, 女性: 9.07%; 2-1型男性: 29.12%, 女性: 31.51%; 2-2型男性: 55.5%, 女性: 52.14%, 其他变异型数值在两性别之间也几乎相等。至于Hp各型与ABO的血型的关系, 与其他各血型系的相互关系同样未见特殊的相关性。

关键词

分类号

## Studies on Haptoglobin Types of Shanghai Population

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### Abstract

By means of polyacrylamide gel electrophoresis the haptoglobin types of 1231 serum samples of donors of Shanghai Blood Center have been investigated. The distribution of haptoglobin types in Shanghai area are as follows:

Hp 1-1: 9.91%; Hp 2-1: 35.34%; Hp 2-2: 53.94%; HpO: 0.81%. The gene frequencies of H p1, Hp2 and HpO calculated according to Hardy-Weinberg's formula are 0.2572; 0.6650 and 0.0778 respectively. Besides these four common Hp types some variants have also been found, they are 2-1Ca, 2-1M, J-1 and K-1. Among these variants the electrophoretic pattern of K-1 type appears to be a particular form in Chinese people which has not been described yet. The phenotype frequencies of the Hp types in male and female were quite close to each other, and no significant differences were observed in each group of ABO system.

### Key words

DOI:

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