

# 华北汉族Kell、Kidd、Diego、Duffy、Lutheran和Xg血型系统的分析

袁义达, 徐玖瑾, 张志, 杜若甫

中国科学院遗传研究所, 北京

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摘要 用抗-K、-Dia、-Jka、-Lua、-Lub、Fya、-Fyb和-Xga等8种血清在北京检查了原籍华北的汉族, 所得结果如下: Kell系统: 在290人中仅发现1人对抗-K血清呈阳性反应, K基因频率为0.0017。Diego系统: 在290人中对抗-Da血 呈阳性反应者有32人, Dia基因频率为0.0567。Kidd系统: 在290人中对抗-Jka血清呈阳性反应者167人, Jka基因频率为0.3487。Lutheran系统: 同时用抗-Lua及抗-Lub血清检查, 发现290人中2人是Lu(a+b+), 288人是Lu(a-b+), 基因频率Lua=0.0035, Lua=0.0035, Lub=0.9965。Duffy系统: 同时用抗-Fya和抗-Fyb血清检查了276人, 其中Fy(a+b-)206人, Fy(a-b+)12人, Fy(a+b+)56人, Fy(a-b-)2人, 基因频率Fya=0.7748, Fyb=0.1403, Fy(未用抗-Fy4)血清检查, 不知是Fy4还是Fyx)=0.0849。Xg系统: 分别检查了男性175人, 女性115人。对抗-Xga血清呈阳性反应者男68人, 女54人, 基因频率Xga=0.3273。

关键词

分类号

## Distribution of Kell,Kidd,Diego Duffy,Lutheran and Xg Blood Group Systems in Han Nationality of North China

yuan Yida, Xu Jiujin, Zhang Zhi, Du Roufu

Institute of Genetics,Academia Sinica,Beijing

### Abstract

So far there is no report about the distribution of Kell,Kidd,Diego,Duffy,Lutheran and Xg blood group systems in Chinese on mainland of China,with the exception of some reports concerning Chinese of Tainwan province and overseas Chinese.During June of 1981,290 individuals,whose parents were of North China origin, were examined in Beijing with anti-K,-Jka,-Dia,-Lua,-Lub,and -Xga sera,and 276 individuals with anti-Fya and -Fyb sera.The micro-amount indirect Coombs test was used and the results were observed under the microscope.The gene frequencies of the six blood group systems in the Han national lity of North China were obtained: K=0.0017; Dia=0.0567; Jka=0.3487; Lua=0.0035; Lub=0.9965; Xga=0.3273; Fya=0.7748; Fyb =0.1403 and Fy=0.0849,respectively.All values observed in the six blood groups conform to the values expected in the light of Hardy-Weinberg law.

### Key words

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