

## **Erythrocyte Enzyme Variation in Some Caste Populations of Chamba, Himachal Pradesh**

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**ABSTRACT** Four urban endogamous caste groups of the historical town of Chamba in the Chamba district (Himachal Pradesh) - the Brahmin, Rajput, Khatri and Mahajan, were examined using phenotype and allele frequency data from the polymorphic erythrocyte enzyme systems-glyoxalase I, esterase D, adenylate kinase, phosphoglucomutase, acid phosphatase and glucose phosphate isomerase. There was no significant genetic heterogeneity between the caste groups for any of the systems investigated, and overall they showed close resemblance in allele frequencies to their counterparts in rural areas of this remote hill district, and populations of the North Indian region in general.