

## Genetics of the LH-specificity: Further Observations II

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**ABSTRACT** LH-specificity refers to weak or strong agglutination of erythrocytes obtained with the lectin from *Erythrina lithosperma*. Since the trait has shown promise of being a useful serological tool, an attempt was made to explore the genetics of this red cell membrane specificity. For these 199 families representing 398 parents and 430 offspring, from Madhya Pradesh, Central India were tested with anti-LH lectin. Results suggested an autosomal dominant mode of inheritance for this trait. From pedigree analysis it was established that the genes responsible for the weak LH phenotype are dominant over its allele responsible for strong LH phenotype.