

## Haemoglobin Polymorphism in Malabari Goats

K. A. Bindu \* and K. C. Raghavan

Department of Animal Breeding and Genetics,  
College of Veterinary and Animal Sciences, Mannuthy-680 651, Thrissur, Kerala

\* Corresponding author email: binsib@rediffmail.com

### Abstract

Malabari Goat populations of Tanur, Thalassery and Badagara were studied for haemoglobin polymorphism. Two variants were observed for haemoglobin, Hb A and Hb B with a frequency of 0.987 and 0.012, respectively, suggestive of three phenotypes, viz. Hb AA, Hb AB and Hb BB, and indicating the predominance of Hb A in the pooled population. Hb B variant was observed only in the Thalassery population (gene frequency 0.038).

**Key words:** Polymorphism, Haemoglobin, Phenotype