

Glucose-6-Phosphate Dehydrogenase Deficiency among the Kumhars of District Churu, Rajasthan

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ABSTRACT The present paper outlines a study on the prevalence of G-6 PD deficiency in the above population. The data has been collected on 157 Kumhars – 101 males and 56 females, ranging in age from 7 to 68 years. The methaemoglobin reduction test and cyanamide methaemoglobin elution technique were used for the detection of G-6 PD deficiency. Results revealed an incidence of 4.9 percent deficiency in males, 1.7 percent in female homozygotes and 7.1 percent in heterozygotes.