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### STUDY OF AMINOTRANSFERASES AND ALCALINE PHOSPHATASE IN HB Ag CARRIERS IN SOUTH IRAN

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#### Abstract:

Serum samples were obtained from the southern part of Iran by random sampling in a health survey program. A total of 4,869 from these serum samples, 3,319 from the coastal province, 853 from Khuzestan province and 697 from the Ghashghai tribe were screened for the presence of Hb Antigen by counter electrophoresis method. On the assumption that the frequency of Hb Ag in a collection of healthy persons reflects the prevalence of carriers, it was demonstrated that 1.1% of population of the coastal province, 1.7% of Ghashghai tribe and 3.75% of Khuzestan province were Hb Ag carriers. The level of SGOT, SGPT, and Alk. Phosphatase were measured in 82 positive cases and the results revealed that 20.4 and 14 of carriers had higher Alk. Phosph., Gpt and Got levels respectively.

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