

Hb J- Meerut [β 120 (H3) Ala \rightarrow Glu (β 1)] In A Turkish Male

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Abstract :

Hb J Meerut is an infrequently found β -globin variant. It has previously been reported in various populations around the world. One particular case reported in 1994 included a Turkish family. In this report, details of a second case of Hb J Meerut in a Turkish male who is unrelated to the first family are described. In the present case a slight increase in the oxygen affinity of Hb J Meerut, relative to that of the normal control, has been observed as detected by low p50 values in arterial whole blood. Additionally, a slight increase in red blood cell count, as compared against a normal individual, was observed.

Key Word :

Hb J-Meerut [β 120 (H3) Ala \rightarrow Glu (β 1)], DNA analysis, Turkish male, slightly increased oxygen affinity

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