

Hb Cook

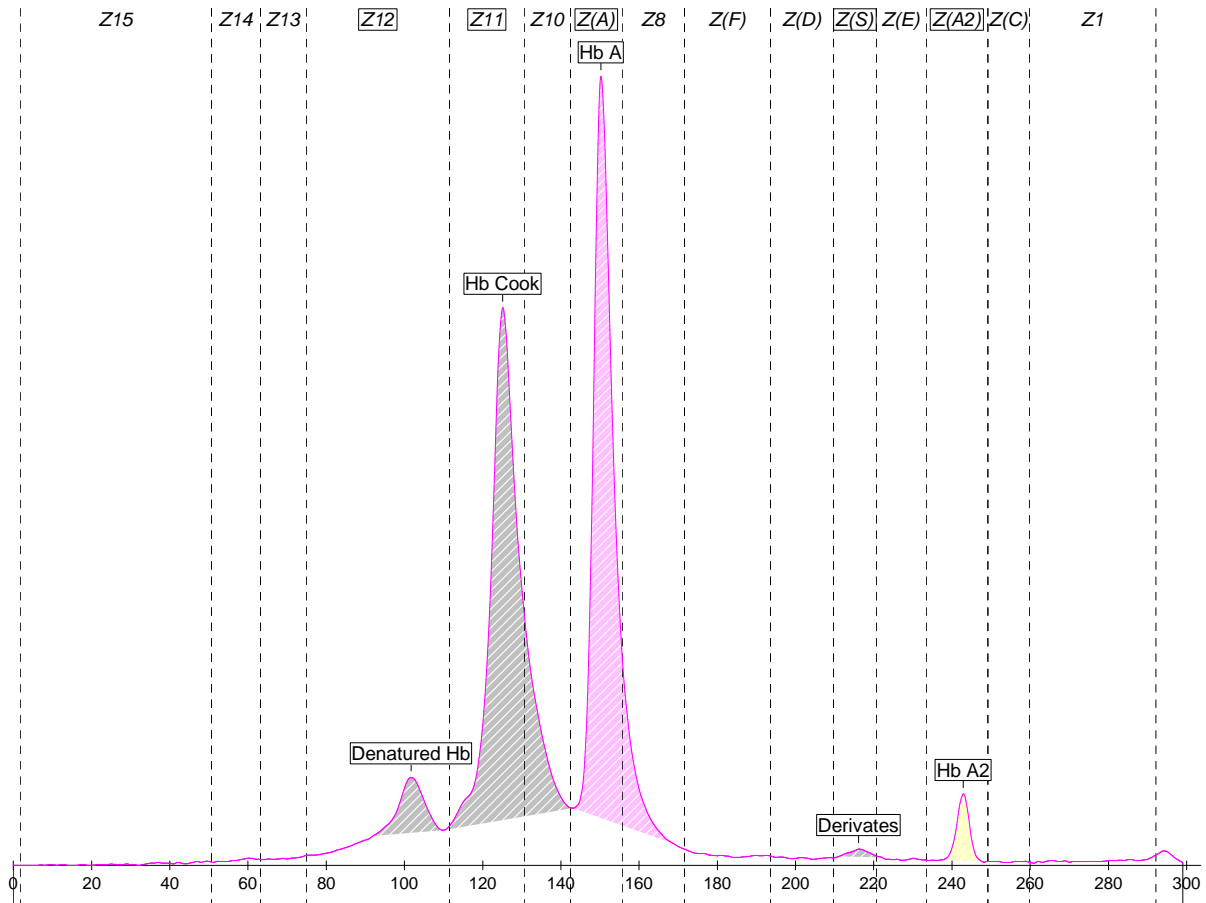
Globin chain(s) involved: **Beta**

Status: **Heterozygous**

Migration in zone(s): **Z11**

Migration in position(s): **125**

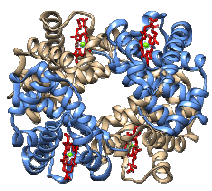
Peak position may vary +/- 1



Capillary Electrophoresis

Fractions	Value %
Denatured Hb	4,0
Hb Cook	46,3
Hb A	46,7
Derivates	0,4
Hb A2	2,6

Comments on this profile: -



Hb Cook

Mutation data

Status:	Heterozygous
Hb Cook	
Mutation	Beta 132(H10) Lys>Thr
Nomenclature	HBB:c.398A>C
In combination with:	
Mutation	
Nomenclature	

Comments: -

Hematology

Hematological parameters	Results
RBC	
Hemoglobin	
Hematocrit	
MCV	

Hematological parameters	Results
MCH	
Blood smear	
Serum iron and ferritin	

Comments on hematology:	Mild hemolysis
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Other information

Clinical context:	
Clinical presentation	Normal
Genetic risk	Could generate relevant hemolysis in combination with beta-thalassemia
Advice	No data
About this variant:	
Stability	Unstable
Oxygen affinity	No data
Found in	A 28-year-old Thai female

Comments:

References: Hutt PJ. et al., Hemoglobin. 1996 Nov;20(4):371-6.