

**Bio-Rad CDM System****Bio-Rad Variant VII Inst. #1. SN 15271****PATIENT REPORT****V2\_BThal***β-thal case  
(with transfusion  
per 4-6 weeks)***Patient Data**

Sample ID: 16336530  
Patient ID:  
Name:  
Physician:  
Sex:  
DOB:  
Comments: SO sample

**Analysis Data**

Analysis Performed: 16/12/2021 11:49:31  
Injection Number: 325U  
Run Number: 13  
Rack ID: 0003  
Tube Number: 1  
Report Generated: 16/12/2021 14:40:20  
Operator ID:

Peak Name	Calibrated Area %	Area %	Retention Time (min)	Peak Area
P1	---	0.2	0.90	2783
F	64.7*	---	1.17	733764
P2	---	3.3	1.32	37984
Ao	---	29.1	2.43	332233
A2	3.3	---	3.63	35981

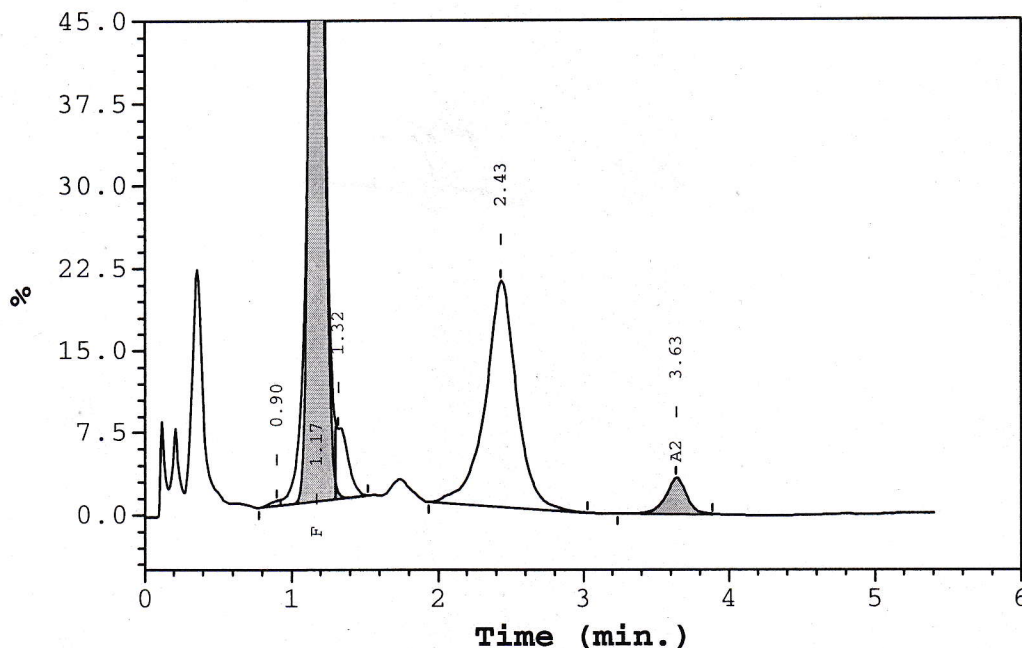
Total Area: 1,142,745

**F Concentration = 64.7\* %****A2 Concentration = 3.3 %**

\*Values outside of expected ranges

*HbH negative*

Analysis comments:



$\beta$ -thal <sup>major</sup> ~~major~~

$\beta^0 \beta^0$

No HbA

HbF  $> 90\%$  HbA  $\approx 3-8\%$

marked micro, hyp.

MCV  $< 70$  Hb  $< 3 g/dL$

transfusion dependent

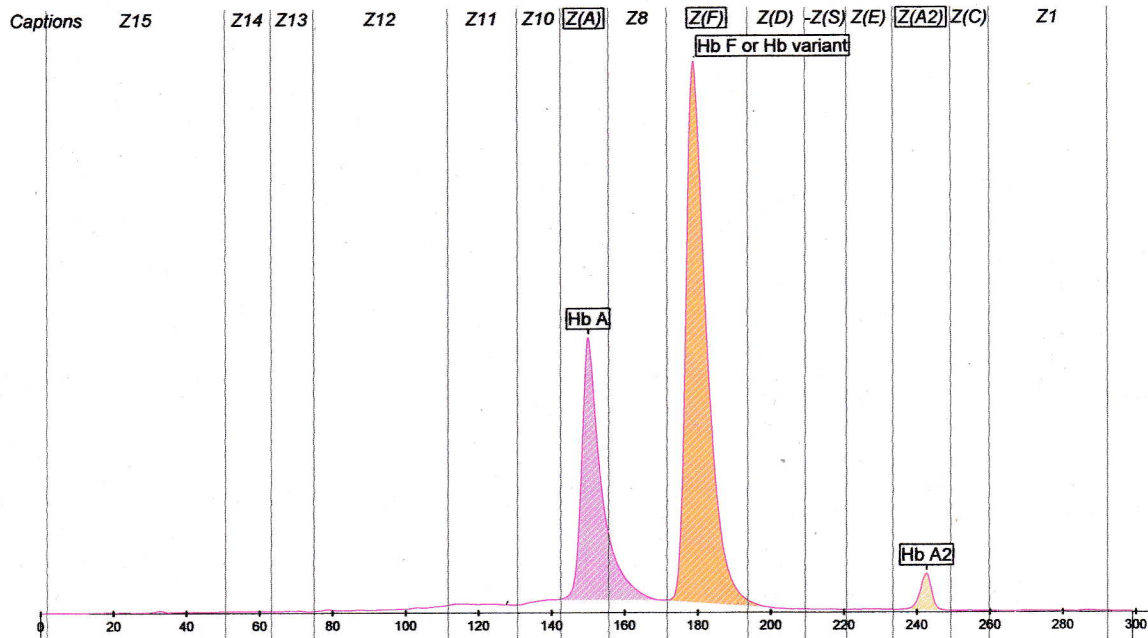
## Routine

Sample # : **33** Date : **12/16/2021**

ID : **16336530**

Depart. :

Birth. :



## Haemoglobin Electrophoresis

Name	%		Normal Values %
Hb A	30.6	<	96.8 - 97.8
Hb F or Hb variant	66.9	>	=< 0.5
Hb A2	2.5		2.2 - 3.2