

Why Hemoglobinopathy screening matters?

Hemoglobinopathies are abnormalities that affect the protein part of hemoglobin (Hb). They are **the most common single gene disorders in the world**, with an ever-increasing global disease burden each year which is accentuated by migration of population.

The most severe types are **sickle cell disease** and **alpha/beta thalassemia** major.



Rapid and accurate diagnosis of hemoglobinopathies is crucial to enable **optimal management of affected individuals** but also to **provide genetic counselling** and reproductive options for carriers.

Sebia's Capillary Electrophoresis technology is a **proven solution for laboratories and clinicians** in the screening for hemoglobinopathies, a field of growing importance across the globe.

Key features



Fully Automated Hemoglobin Testing

Load-and-go workflow improves efficiency and reduces hands-on-time.



High Resolution

High resolution separation indicates patient variant status with color coded profiles for quick result validation.



Accurate & Precise

Approved for quantitation of common Hb variants, Hb F and Hb A2 for thalassemia screening.



On-Board Identification Assistance

Simplified presumptive identification using zones with the built-in Hb variant library and x-migration positions.



Easy to Use

Whole-blood, capped tubes with automated on-board sample mixing eliminates the need for manual processing.

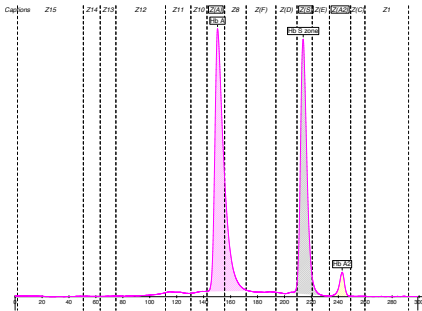
A solution for every laboratory

With **Sebia's broad range of capillary instruments for hemoglobin testing**, a solution exists for your laboratory workload.

Easy detection of common & rare hemoglobin variants

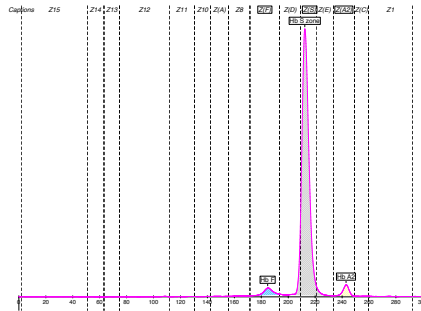
Straightforward & reliable detection of thalassemias

Heterozygous Hb S



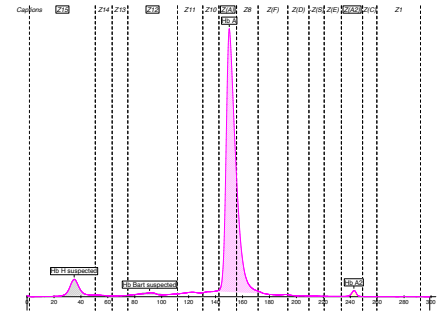
Fractions	Value %
Hb A	57.5
Hb S zone	39.5
Hb A2	3.0

Homozygous Hb S



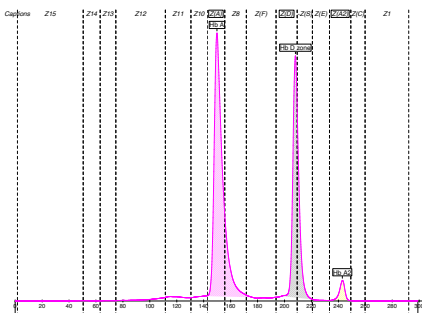
Fractions	Value %
Hb F	3.2
Hb S zone	93.5
Hb A2	3.3

Alpha-thalassemia (Hb H)



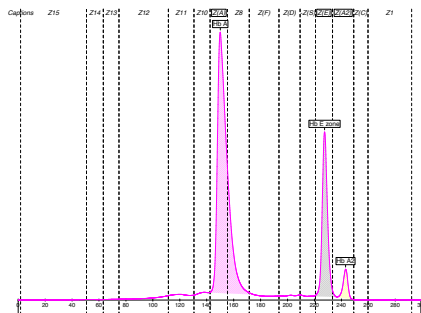
Fractions	Value %
Hb H suspected	5.5
Hb Bart suspected	1.5
Hb A	92.0
Hb A2	1.0

Heterozygous Hb D-Punjab



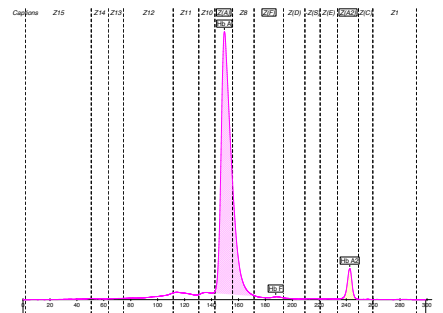
Fractions	Value %
Hb A	58.8
Hb D zone	38.3
Hb A2	2.9

Heterozygous Hb E



Fractions	Value %
Hb A	71.4
Hb E zone	24.8
Hb A2	3.8

Beta-thalassemia

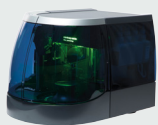


Fractions	Value %	Normal Value %
Hb A	94.4	< 96.8 - 97.8
Hb F	0.4	≤ 0.5
Hb A2	5.2	> 2.2 - 3.2

45 samples /hr.



CAPILLARYS OCTA 3



minicap sebja
flex piercing

7 samples /hr.

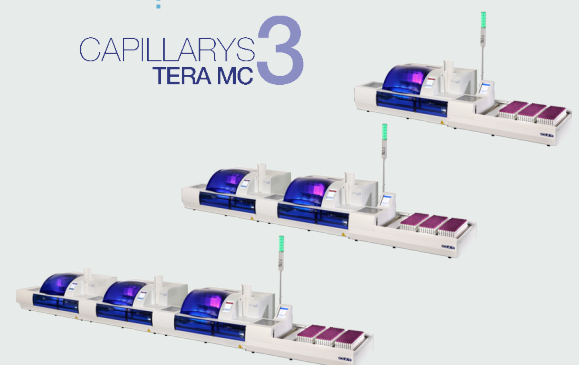


CAPILLARYS TERA 3

65 samples /hr.

CAPILLARYS TERA MC 3

189 samples /hr.



Ordering information

Instruments

- CAPILLARYS 3 TERA1246
- CAPILLARYS 3 OCTA1245
- MINICAP FLEX-PERCING1232

Controls

- NORMAL Hb A2 CONTROL (5)4778
- PATHOLOGICAL Hb A2 CONTROL4779
- Hb AFSC CONTROL4792

Accessories

- CAPILLARYS 3
SWITCH RACK HEMOGLOBIN(E)1373

Consumables

- CAPILLARYS 3
CAPICLEAN2060
- CAPILLARYS 3
WASH SOLUTION2062
- CAPI 3
REAGENT CUPS (24 x 14)2582
- CAPI 3
BINS FOR USED REAGENT CUPS (5)2581
- MINICAP FLEX-PIERCING
CAPICLEAN2251
- TEST TUBES (200)9214

Reagents

- CAPI 3 HEMOGLOBIN(E)2507
- MINICAP HEMOGLOBIN(E)2207



Scan here
for more
information
about hemoglobin
testing solutions

For further information, please find your Sebia local representative to
contact on our Website www.sebia.com/sebia/worldwide-presence/.

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