The high-resolution

hemoglobin screening method *for everyone*



sebia

The new language of life

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.

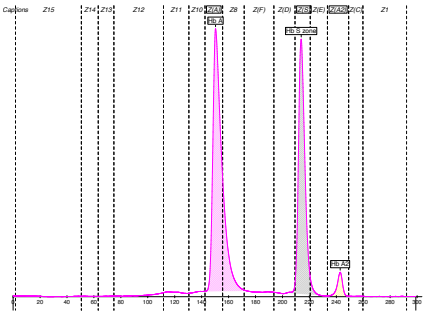
Easy to Use
Whole-blood, capped tubes with automated on-board sample mixing eliminates the need for manual processing.

A solution for every laboratory

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

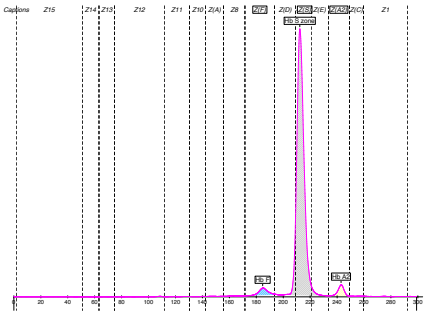
Easy detection of common & rare hemoglobin variants

Heterozygous Hb S



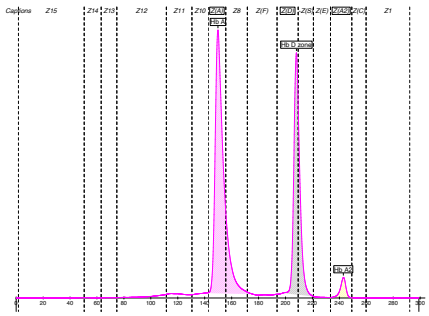
Fractions	Value %
Hb A	57.5
Hb S zone	39.5
Hb A2	3.0

Homozygous Hb S



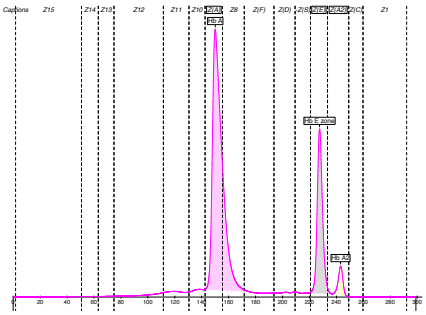
Fractions	Value %
Hb F	3.2
Hb S zone	93.5
Hb A2	3.3

Heterozygous Hb D-Punjab



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

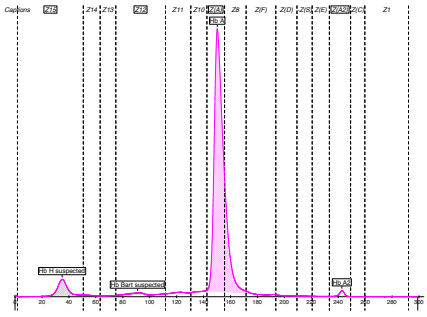
Heterozygous Hb E



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

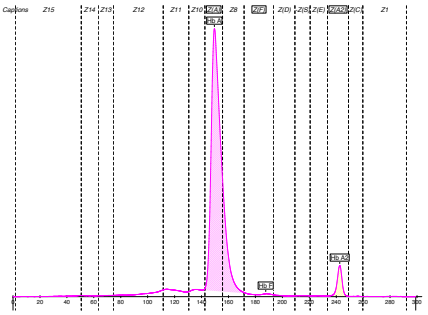
Straightforward & reliable detection of thalassemias

Alpha-thalassemia (Hb H)



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

Beta-thalassemia

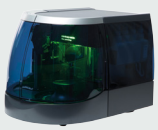


Fractions	Value %	Normal Value %
Hb A	94.4	< 96.8 - 97.8
Hb F	0.4	≤ 0.5
Hb A2	5.2	> 2.2 - 3.2

45 samples /hr.



CAPILLARYS 3 OCTA



minicap sebia
flex piercing

7 samples /hr.

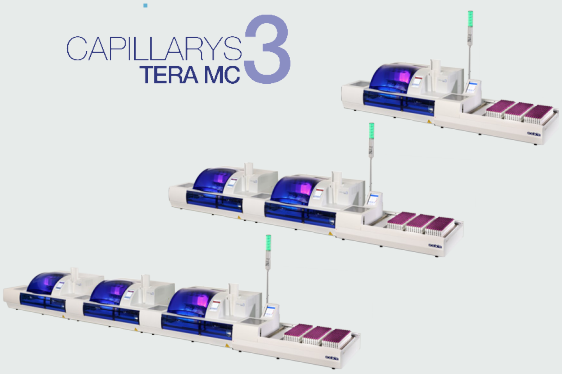
CAPILLARYS 3 TERA



65 samples /hr.

189 samples /hr.

CAPILLARYS 3 TERA MC



Maximum Capacity or MC designation refers to: Tube Loader CAPILLARYS 3....1249 / Rack Conveyor CAPILLARYS 3....1250

Ordering *information*

Instruments

- CAPILLARYS 3 TERA **1246**
- CAPILLARYS 3 OCTA **1245**
- MINICAP FLEX-PERCING **1232**

Controls

- NORMAL Hb A2 CONTROL (5) **4778**
- PATHOLOGICAL Hb A2 CONTROL **4779**
- Hb AFSC CONTROL **4792**

Accessories

- CAPILLARYS 3
  SWITCH RACK HEMOGLOBIN(E) **1373**

Consumables

- CAPILLARYS 3
  CAPICLEAN **2060**
- CAPILLARYS 3
  WASH SOLUTION **2062**
- CAPI 3
  REAGENT CUPS (24 x 14) **2582**
- CAPI 3
  BINS FOR USED REAGENT CUPS (5) **2581**
- MINICAP FLEX-PIERCING
  CAPICLEAN **2251**
- 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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