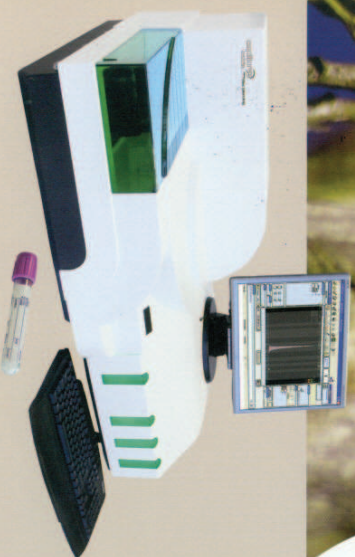


# capillaryYS sebia flex piercing



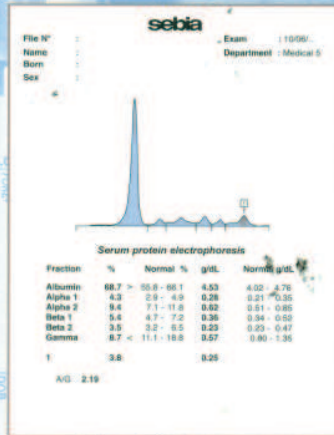
A new generation  
of CAPILLARYS  
with Cap Piercing  
capabilities



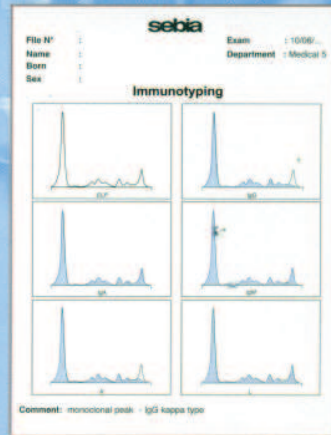
**sebia**



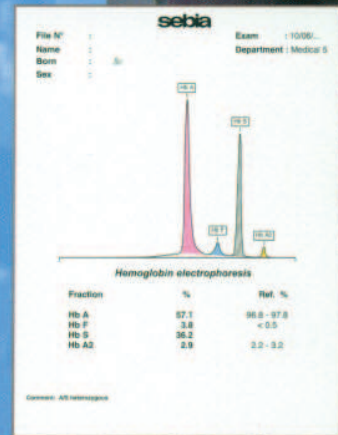
# capillarys sebia 2 flex piercing



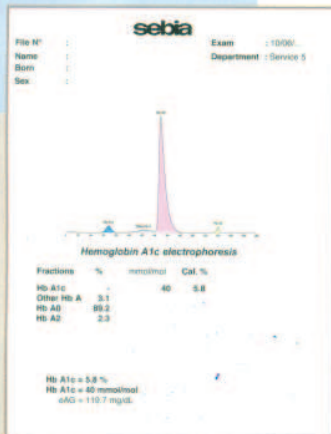
CAPILLARYS PROTEIN 6



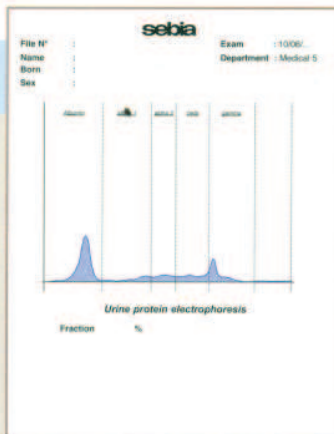
CAPILLARYS IMMUNOTYPING



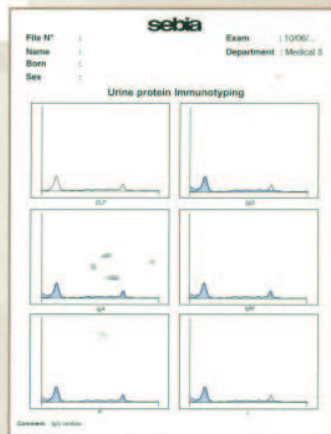
CAPILLARYS HEMOGLOBIN



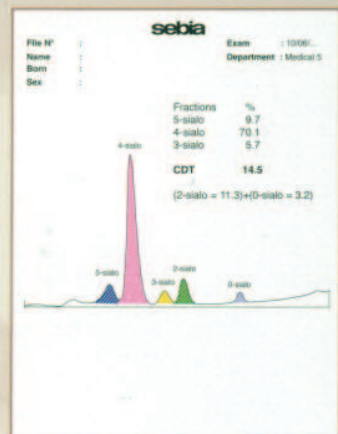
CAPILLARYS HbA<sub>1c</sub>



CAPILLARYS URINE



CAPILLARYS IMMUNOTYPING URINE



CAPILLARYS CDT

## True innovation

- Whole blood analysis with no pre-analytical preparation
- Cap piercing for improved workflow and biohazard precautions
- A true innovation for HbA<sub>1c</sub> and hemoglobinopathy testing

### Cap piercing



Ensures maximum biohazard safety and improves labor savings

### Sample mixing prior to analysis



The sample rack is inverted to allow optimal whole blood homogenization for accurate quantitation and enhanced precision



## CAPILLARYS 2 Flex Piercing, flexibility for all laboratories

### • **Versatile instrument**

- Serum, urine, whole blood (capped tubes)

### • **Comprehensive test menu**

- Protein, Immunotyping, Urine, Urine Immunotyping, HbA<sub>1c</sub>, Hemoglobin, cord blood and CDT

### • **Advanced technology with unequalled analytical performances**

- **Optimized parameters** for each specific assay to achieve analytical superiority

### • **Full automation**

- **Cap piercing:** complete automation for improved workflow and operator safety

- **Positive sample identification:** full traceability from primary tube to final result

### • **Enhanced throughput**

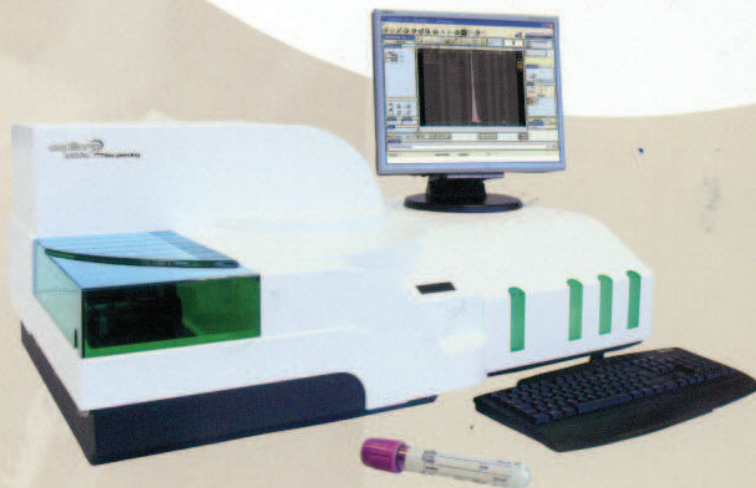
- 80 samples/hour (Protein)
- 38 samples/hour (HbA<sub>1c</sub> and Hb)
- 38 samples/hour (CDT)

### • **Large autonomy, continuous sample loading**

- 104 samples (Protein)
- 88 samples (HbA<sub>1c</sub> and Hb)
- 91 samples (CDT)

### • **Phoresis Software and System Design**

- Powerful and user-friendly software: clarity of results and ease of interpretation
- SQL Client / Server database provides:
  - Unlimited storage capacity of patients database
  - Networking capabilities for multi-client management
  - Stable performance with high data flow
- Simplified operation with an ergonomic design
- High standard engineering to guarantee maximum reliability and robustness
- Easy maintenance





# capillary sebia 2 flex piercing



## Migration

- Electrophoresis in liquid flow
- 8 silica capillaries
- 8 simultaneous migrations
- Migrations at controlled temperature with a thermoelectric cooler (Peltier device)

## Optics

- Deuterium lamp
- Gradient system 200-600 nm
- Optical fibers for emission and reception
- UV lenses
- C-MOS diode segment detector

## Sampler

- Needle designed to sample from capped tubes (cap piercing)
- Innovative mixing system with rack inversion
- Initial loading: 13 racks (8 samples / rack) then continuous feeding with 8 tubes / rack
- Primary tubes:
  - Protein, Immunotyping, Urine, Urine Immunotyping and CDT techniques: up to 16 mm diameter and 100 mm height ; microtubes
  - HbA<sub>1c</sub> and Hemoglobin techniques: tube diameter = 13 mm and 11 mm, cap diameter = 17 mm - tube + cap max length = 82 mm
- Barcoded racks and barcoded tubes (High Resolution built-in barcode reader)
- Security devices for the introduction of the sample racks

## Programs

- 48 curves mosaic screen
- Colour-coded profiles
- 10 fraction naming tables and corresponding normal values per analysis program
- Worklist: 2400 patients per analysis program and per day
- Statistics: 3 QC levels per analysis program (Levey-Jennings)
- Detection of abnormal values (flagging)
- Graphic record of curve and alpha-numeric print-out of data and results
- Compressed print-out of results and curves
- Print-out of immunofixation images and quantitative specific protein on one report
- **Phoresis Software, SQL Client / Server database:**
  - Unlimited storage capacity of patients database
  - Networking capabilities for multi-clients management
  - Stable performance on high data flow
- Curve recall and review with extensive curve editing such as:
  - Inserting and deleting minima and fractions
  - Modifying presentation (baseline, scale, smoothing)
  - X and Y zoom of the curve
  - Pre-programmed or manual entry of comments
  - Selection of pre-programmed identification table for fraction identification
  - Overlay of reference pattern, control or patient curve
- Automatic search for patient history
- Reagent traceability using barcode reader

sebia



## Minimum PC system requirement *(PC optional)*

- Processor specifications: contact your SEBIA representative
- Monitor (supplied with the instrument): 17" LCD color flat screen

## Connections

- Analyzer:
  - Power source inlet: from 90 to 264 V - 50/60 Hz +/- 5% - 300 VA
  - Connection to PC
- PC *(optional)*:
  - Power source inlet: 115 / 230 V +/- 10% - 50/60 Hz +/- 5%
  - RS 232 C host computer: bi-directional link with curve transmission
  - Connection to analyzer
  - Connection to printer, keyboard, mouse, monitor
  - Connection to scanner *(optional)*
  - Modem
  - Ethernet: Network

## Dimensions

- Analyzer: L. 37 x H. 17 x W. 25 in ; L. 95 x H. 40 x W. 63 cm
- Weight: 110 lb ; 50 kg

## Catalog number

- CAPILLARYS 2 FLEX PIERCING - Cat. Nb. 1227

### **sebia** Benelux SCS / Comm. V

Jan Olieslagerslaan, 41  
1800 Vilvoorde  
Belgique / België  
Tel. : +32 (0)2 702 64 64  
Fax : +32 (0)2 702 64 60  
e-mail : sebia.benelux@sebia.be

### **sebia** Brasil Ltda

Edifício Baker Office Tower,  
Rua Barão do Triunfo, 73, Conjunto 51  
Bairro Brooklin Paulista, CEP 04602-000  
Brasil  
Tel. : +55 11 3849 01 48  
Fax : +55 11 3841 98 16  
e-mail : sebia@sebia.com.br

### **sebia** GmbH

Münsterfeldallee, 6  
36041 Fulda  
Deutschland  
Tel. : +49 (0)661 3 30 81  
Fax : +49 (0)661 3 18 81  
e-mail : sebia@sebia.de

### **sebia** Hispania S.A.

C / Sicilia, n° 394  
08025 Barcelona  
España  
Tel. : +34 93 208 15 52  
Fax : +34 93 458 55 86  
e-mail : sebia@sebia.es

### **sebia** Inc.

400-1705 Corporate Drive  
Norcross, GA 30093  
U.S.A.  
Tel. : +1 770 446 - 3707  
Fax : +1 770 446 - 8511  
e-mail : info@sebia-usa.com

### **sebia** Italia S.r.l.

Via Antonio Meucci, 15/a  
50012 Bagno a Ripoli (FI)  
Italia  
Tel. : +39 055 24851  
Fax : +39 055 2485400  
e-mail : info@sebia.it

### **sebia** UK Ltd

River Court, Meadows Business Park  
Station Approach, Blackwater  
Camberley, Surrey, GU17 9AB  
United Kingdom  
Tel. : +44 (0)1276 600636  
Fax : +44 (0)1276 38827  
e-mail : info@sebia.co.uk

### **sebia** China Rep. office

Cross Tower, Room 2306-07,  
318 Fuzhou Road  
Shanghai 200001  
China  
Tel. : +86(21) 6350 1655  
Fax : +86(21) 6361 2011  
e-mail : sebia@sebia.cn

**sebia**

Parc Technologique Léonard de Vinci  
CP 8010 Lisses - 91008 EVRY Cedex  
France

Tél. : +33 (0)1 69 89 80 80  
Fax : +33 (0)1 69 89 78 78  
e-mail : sebia@sebia.com

**sebia**