

CDT

The most reliable *excessive chronic alcohol* marker



sebia 
The new language of life



Who should be concerned *by chronic alcohol excessive consumption?*

Alcohol consumption is a causal factor in more than 200 diseases and injuries conditions (*WHO Sept. 2018*)



INDUSTRIES

Work-related accident prevention program

- Air transport
- Rail transport



CLINICIANS

Early detection and patient monitoring

- Alcohol addiction disease related: toxicology, psychiatric, liver disease
- Transplant recipients
- Fetal alcoholic spectrum disorder diagnosis



FORENSIC SETTINGS

Eligibility program

- Driving license



LIFE INSURANCE

Eligibility program

- Life insurance policy

Why perform a CDT test *for chronic alcohol excessive consumption and abstinence monitoring?*

Sensitive & specific marker of chronic alcohol abuse

- Increases after at least one week of excessive alcohol consumption (50-80g of ethanol/ day). Decreases 2-4 weeks after excessive drinking abstinence, much earlier than other markers
- Diagnostic sensitivity improvement when combined to other markers γ GT
- No interference with factors like smoking, diabetes, obesity, age and ethnicity

IFCC Certification

- Consistent report accross all labs performing CDT_{IFCC} tests

Integrity of the sample requested for CDT test

- Unlike hair and urine, the serum draw can ensure the integrity, the reliability of the analysis and avoid fraud

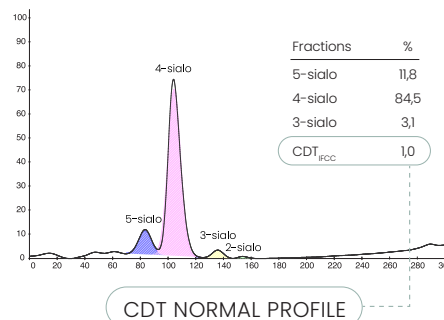
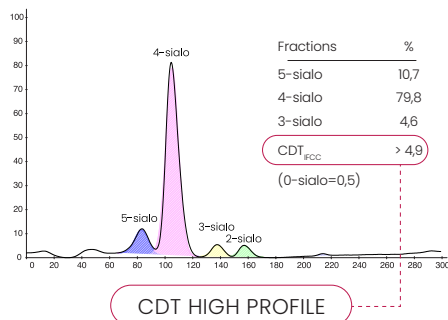
Accurate and automated measurement of CDT by sebia capillary electrophoresis

Accurate detection of alcohol abuse

- Annual IFCC Certification for safe standardized CDT values (CDT_{IFCC})
- Visualizing of transferrin isoforms and detection of potential analytical/genetical interferences (variants, CDG)

Secure and simple CDT interpretation

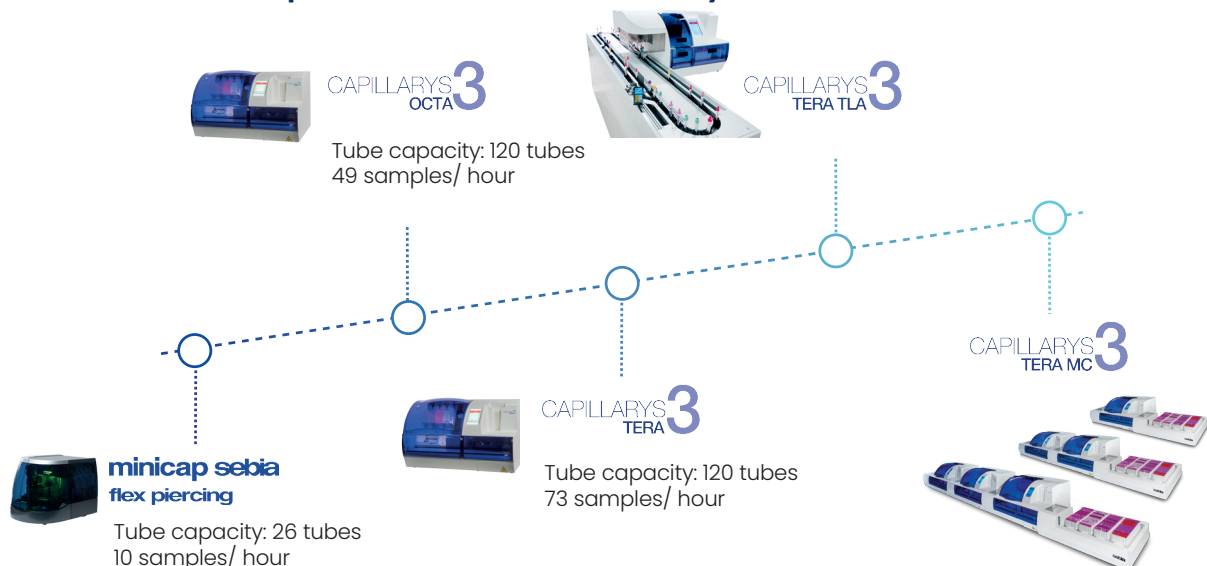
- Positive CDT_{IFCC} if CDT (calibrated 2-sialo) value > 2.0



Automated testing for streamlined workflow

- No sample pre-treatment
- No need for additional total transferrin measurement
- Reduced hands-on time with ready-to-use reagents
- Intuitive software for better patient outcome

Scalable solution adapted to each lab's activity



Ordering information

"Since the standardization of the CDT assay by Sebia, our results are in compliance with the recommendations of the IFCC CDT working group. This is very important for us since we are doing the CDT dosage in the medico-legal context."

French Core Lab



Instruments

| | |
|------------------------------------|------|
| • CAPILLARYS 3 OCTA | 1245 |
| • CAPILLARYS 3 TERA | 1246 |
| • CAPILLARYS 3 TERA TLA | 1248 |
| • CAPILLARYS 3 TERA Loader | 1249 |
| • CAPILLARYS 3 TERA Conveyer | 1250 |
| • MINICAP FLEX PIERCING | 1232 |

Controls/Calibrators

| | |
|--|------|
| • CDT CAPILLARYS Calibrators (2 Levels) for CDT _{IFCC} | 4760 |
| • CDT MINICAP Calibrators (2 Levels) for CDT _{IFCC} | 4761 |
| • Normal CDT Control | 4795 |
| • High CDT Control | 4772 |

Accessories

| | |
|---|------|
| • CAPILLARYS 3 Switch Rack for CDT | 1376 |
|---|------|

Consumables

| | |
|--|------|
| • CAPILLARYS 3 CAPICLEAN | 2060 |
| • CAPILLARYS 3 Wash Solution | 2062 |
| • CAPILLARYS 3 Reagent Cups (24x14 units) | 2582 |
| • CAPILLARYS 3 Bins for used Reagent Cups | 2581 |
| • MINICAP FLEX PIERCING CAPICLEAN | 2058 |
| • Samples Treatment Solution | 2054 |
| • Test Tubes | 9214 |

Reagents

| | |
|---------------------|------|
| • CAPI 3 CDT | 2509 |
| • MINICAP CDT | 2208 |

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