

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

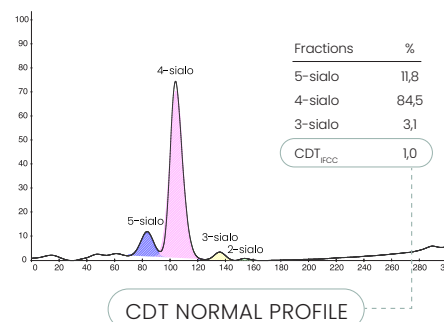
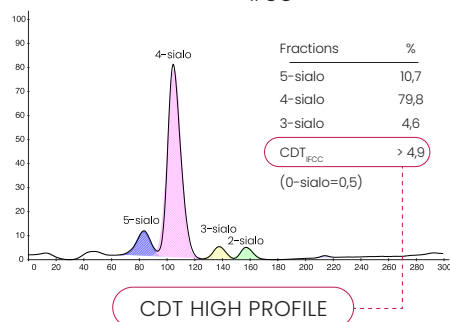
Accurate and automated measurement of CDT by sebia capillary electrophoresis

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

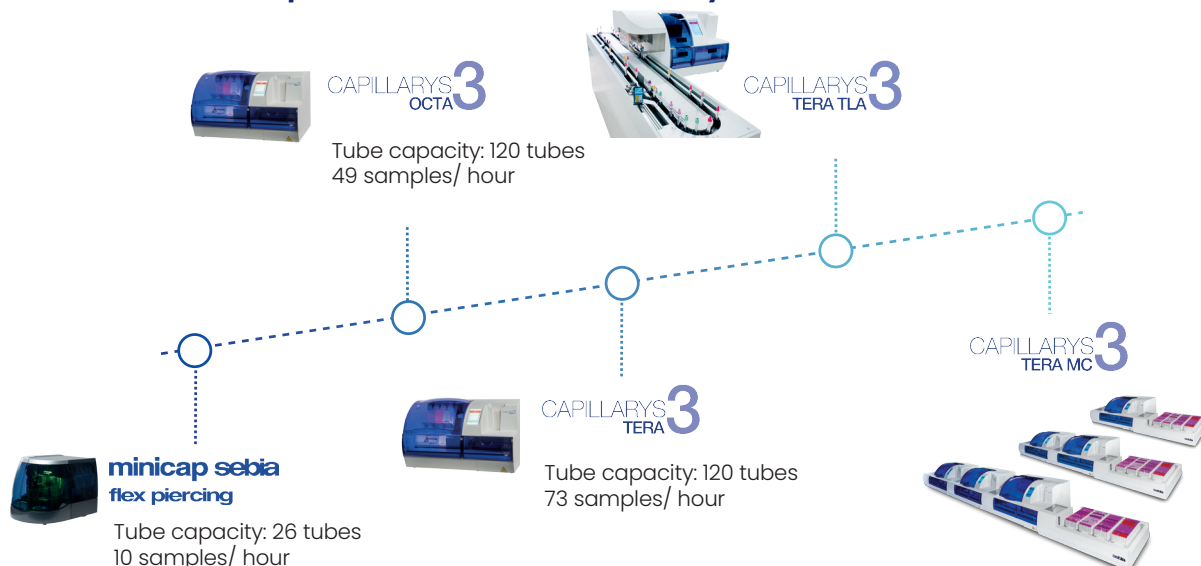
- Positive CDT_{IFCC} if CDT (calibrated 2-sialo) value > 2.0



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
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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

Sebia | RCS Evry 672 041 902 | Parc technologique Léonard de Vinci | 27, rue Léonard de Vinci | CP 8010 Lisses | 91008 Evry cedex | France | Tel. : +33 1 69 89 80 80 | E-mail : sebia@sebia.com | www.sebia.com

Benelux | Tel: +32 2 702 64 64 (BE) | Tel: +31 20 610 8099 (NL) | E-mail: sebia.benelux@sebia.com • **Brasil** | Tel: +55 11 3849 0148 | E-mail: brasil@sebia.com
Canada | Tel: +1 (888) 725-3013 | Fax: +1 (438) 380-3780 | E-mail: canada@sebia.com • **China** | Tel: +86 (21) 6360 1436 | Fax: +86 (21) 6361 2011 | E-mail: china@sebia.com • **Germany & Austria** | Tel: +49 (0) 661 33081 | Fax: +49 (0) 661 31881 | E-mail: sebia@sebia.de • **India** | Tel: +91 124 4262100 | E-mail: sebiaindia@sebia.com • **Italy** | Tel: +39 055 24851 | Fax: +39 055 0982083 | E-mail: info@sebia.it • **Japan** | Tel: (03) 5830-0139 | Fax: (03) 5830-0140
Portugal | Tel: +351 211 224 653 | Fax: +351 211 305 079 | E-mail: portugal@sebia.com • **Spain** | Tel: +34 93 208 15 52 | Fax: +34 93 458 55 86 | E-mail: sebia@sebia.es • **Singapore** | Tel: +65 6223 2273 | E-mail: singapore@sebia.com • **Switzerland** | Tel: +41 44 787 88 10 | E-mail: contact.ch@sebia.com
UK | Tel: +44 (01276) 600636 | Fax: +44 (01276) 38827 | E-mail: sales@sebia.co.uk • **UAE** | Tel: +971 (0)4 878 69 77 • **USA** | Tel: +1 (770) 446-3707 - Fax: +1 (770) 446-8511 | E-mail: info@sebia-usa.com

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