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)*



CLINICIANS

Early detection and patient monitoring

- Alcohol addiction disease related: psychiatry, toxicology, liver disease
- Abstinence assessment during pregnancy
- Transplant recipients



INDUSTRIES

Work-related accident prevention program

- Air transport
- Rail transport



LIFE INSURANCE

Eligibility program

- Life insurance policy



FORENSIC SETTINGS

Eligibility program

- Driving license re-granting

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 γGT
- 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

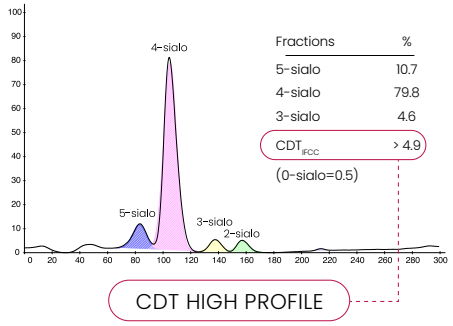
Accurate and automated measurement of CDT *by Sebia capillary electrophoresis*

Accurate detection of alcohol abuse

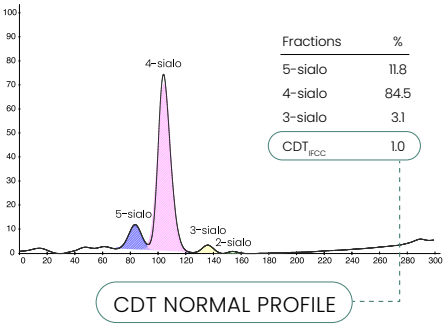
- Annual IFCC Certification for safe standardized CDT values (CDT_{IFCC})
- Visualizing of transferrin isoforms and detection of potential analytical/ genetical interferences (variants, CDG)

Secure and simple CDT interpretation

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



CDT HIGH PROFILE

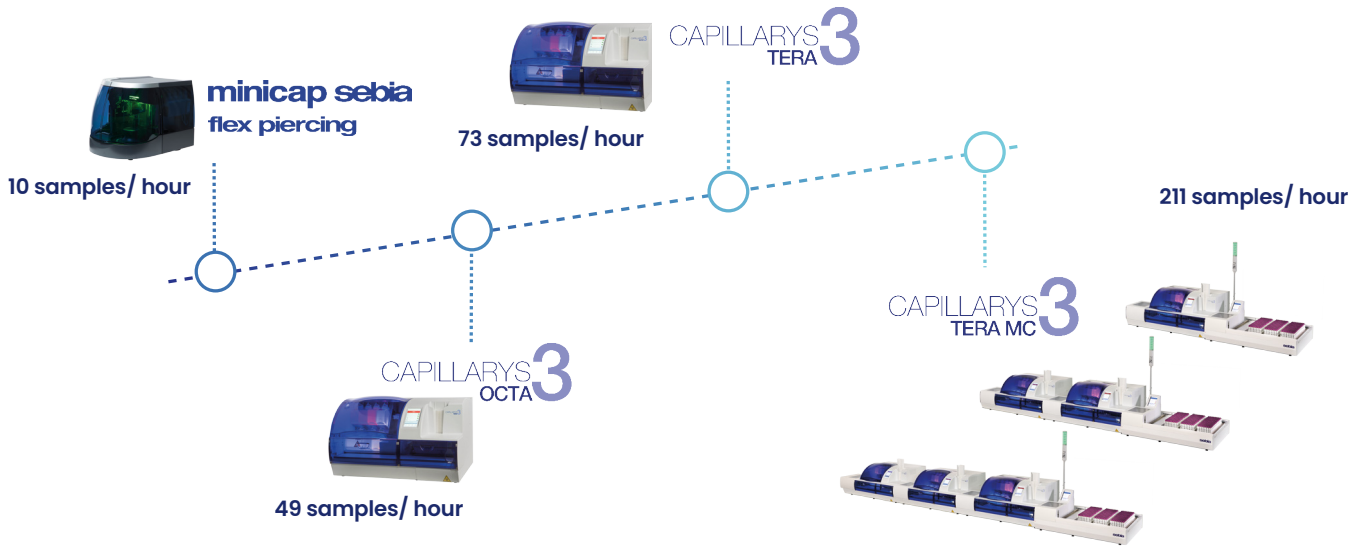


CDT NORMAL PROFILE

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



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

"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

Ordering *information*



Instruments

- CAPILLARYS 3 TERA **1246**
- CAPILLARYS 3 OCTA **1245**
- TUBE LOADER CAPILLARYS 3 ..... **1249**
- RACK CONVEYOR CAPILLARYS 3 ..... **1250**
- MINICAP FLEX-PERCING **1232**

Controls/Calibrators

- CDT CAPILLARYS
  CALIBRATORS (2 levels) for CDT_{IFCC} **4760**
- CDT MINICAP
  CALIBRATORS (2 levels) for CDT_{IFCC} **4761**
- NORMAL CDT CONTROL (5) **4795**
- HIGH CDT CONTROL **4772**

Accessories

- CAPILLARYS 3 & MC
  SWITCH RACK CDT **1376**

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**
- CAPILLARYS / MINICAP CDT
  SAMPLES TREATMENT SOLUTION **2054**
- TEST TUBES (200) **9214**

Reagents

- CAPI 3 CDT **2509**
- MINICAP CDT **2208**

Scan here **for more information** about CDT

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

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