

Z O M

sebia



“Switch Easily”

Updated Sebia CDT_{IFCC} method

Standardized CDT_{IFCC} results according to IFCC CDT Working Group recommendations



PRINCIPLE

“CDT results obtained by different methods may differ significantly from each other, making comparison with previous results or reference ranges error prone. Obviously, physicians, forensic experts, lawyers, and patients prefer directly comparable results, irrespective of the method used. This inconsistency prompted the International Federation of Clinical Chemistry and Laboratory Medicine (IFCC) to form a working group on standardization of CDT measurement (WG-CDT). The CDT standardization work started in 2005 and aimed to define the analyte, select and validate a reference measurement procedure (RMP) and reference materials, and propose a reference interval using the RMP”*

References

- **PN 2009**
CAPILLARYS CDT kit
- **PN 2208**
MINICAP CDT kit
- **PN 2509**
CAPI 3 CDT kit
- **PN 4760 CDT**
CAPILLARYS Calibrators
- **PN 4761**
CDT MINICAP Calibrators
- **PN 4772**
High CDT Control
- **PN 4773**
Intermediate CDT Control
- **PN 4795**
Normal CDT Control

METHODS

Since Phoresis 9.15, Sebia customers can choose to obtain the “classic” CDT value or CDT_{IFCC} value on CAPILLARYS 2 and MINICAP, keeping the same kits.

Sebia CDT CALIBRATORS

CDT CAPILLARY CALIBRATORS allow to obtain CDT_{IFCC} results complying with the recommendations of the IFCC WG-CDT. Sebia calibrators are traceable to the IFCC Reference Measurement Procedure.

Sebia CDT CONTROLS

CDT_{IFCC} targets have been added for the current CDT CONTROLS.

WHAT IS THE CHANGE?

	Sebia CDT	Sebia CDT _{IFCC}
Measurand	CDT = 2-sialo + 0-sialo	CDT = 2-sialo
Calibration	No	Yes, 2 levels
Controls	Yes, 3 levels	Yes, 3 levels
Reference values	≤ 1.3 %: normal result > 1.3 and ≤ 1.7 %: grey zone > 1.7 %: positive result	≤ 1.7 %: normal result > 1.7 and ≤ 2 %: grey zone > 2 %: positive result
Monoclonal/ Polyclonal peak interference	Sebia CDT TREATMENT SOLUTION (PN 2054)/CDT-IS TETRAVALENT (PN 2057)	Sebia CDT TREATMENT SOLUTION (PN 2054)



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* IFCC approved HPLC reference measurement procedure for the alcohol consumption biomarker carbohydrate-deficient transferrin (CDT): Its validation and use.

François Schellenberg, Jos Wielders, Raymond Anton, Vincenza Bianchi, Jean Deenmamode, Cas Weykamp, John Whitfield, Jan-Olof Jeppsson, Anders Helander
Clin Chim Acta, 2017 Feb; 465:91-100