

daacro Saliva Lab Trier



A Salimetrics  
Center of  
Excellence

## Saliva Testing in Trier

Connecting Contract Research with Stress and Assay Expertise  
Easy • Convenient • Non-Invasive • Affordable • Fast • Accurate

[www.daacro.com](http://www.daacro.com)



# Saliva Testing

Easy • Convenient • Non-Invasive • Affordable • Fast • Accurate

- **Easy** – can be done at work, at home or in the lab
- **Convenient** – multiple samples can be collected as required in chronobiological assessments that span hours, days or even weeks
- **Non-invasive** – does not require blood to be drawn and poses no risk to patients
- **Affordable** – more affordable than blood testing
- **Fast** – quick results and turnaround
- **Accurate** – with an accuracy of over 90%, salivary testing is more accurate than blood testing

## Saliva Testing – a research and diagnostic tool

Saliva Testing involves the laboratory analysis of saliva to identify markers of endocrine, immunologic, inflammatory, behavioural and other types of conditions.

Saliva Testing of various biomarkers contributes to the scientific advances of the following:

**Research** – opening windows of opportunity in various fields of research and health science by providing rigorous, reliable and validated results.

**Diagnosis** – identifying markers of endocrine (altered male and female hormone states, adrenal conditions, etc.), behavioural (stress, anxiety, depression, PTSD) and other types of conditions.



## Applications of Saliva Testing

- Acute Stress (e.g. Trier Social Stress Test – TSST)
- Anxiety and Depression
- Chronic Stress (e.g. neuropattern™)
- Behavioural Disorders
- Fertility, Infertility, IVF
- Hormone Balance
- Meno- and Andropause

## Analytes in Saliva

- Cortisol
- Alpha-amylase
- Testosterone
- Estradiol
- Progesterone
- DHEA-S
- Others (on request)

## Supporting Clinical Trials:

daacro's saliva testing services can support clinical trials where reliable measurements of salivary markers are required.

# da@cro neuropattern™

An Innovative Diagnostic Tool for Stress Related Disorders

## *Measuring the Effects of Chronic Stress: neuropattern™*

- A new diagnostic tool for the detection of psychobiological endophenotypes of stress-related disorders
- A tool for endophenotyping patients and identifying subgroups in pharmacogenetic and research studies
- Approaching personalized stress medicine – accelerating effective therapies
- Introductory literature: Stress. The Brain-Body Connection;  
Editors D. H. Hellhammer, J. Hellhammer (2008); Karger, Basel, ISBN 978-3-8055-8295-7

## neuropattern™

neuropattern™ biomarker and  
questionnaires test set



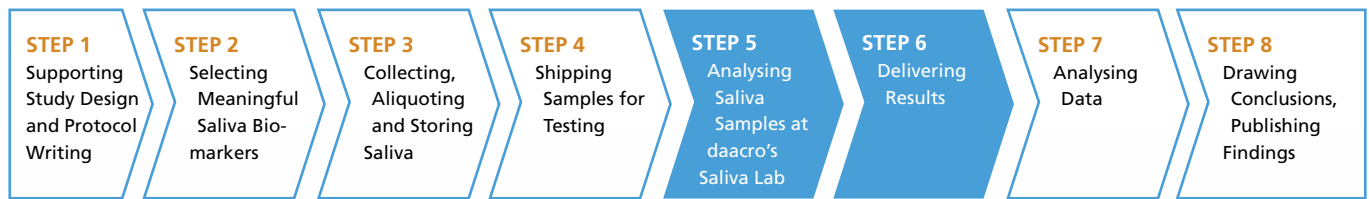
*Integrate innovative methods into your clinical trial design.*



Saliva Lab Trier

is a Partner of the FemNAT-CD Consortium funded by the European Commission within the FP7 Programme.

# Incorporating Saliva Testing in your Study / Analysis / Diagnosis



*daacro support*    *daacro saliva lab service*

- STEP 1.** **daacro** supports study design and protocol writing.
- STEP 2.** Our experts can advise, helping you decide which saliva biomarkers (as well as which time intervals) are most suitable for answering your questions
- STEP 3.** **daacro** can provide you with the saliva collection materials, techniques and procedures, which will ensure that you consistently receive accurate, meaningful and reliable results.
- STEP 4.** **daacro** will advise you on when and how to ship the saliva samples to **daacro** for analysis.
- STEP 5.** Your saliva samples will be analyzed using established methods in accordance with strict Good Laboratory Practice (GLP) standards, thereby ensuring that your results are always consistent and trustworthy.
- STEP 6.** **daacro's Saliva Lab** can send the results by e-mail, fax or post as preferred; If neuropattern™ is used as well, we are able to record 13 different neuropatterns, allowing you to gain an insight into the causal psychobiological mechanisms of disease.
- STEP 7.** You can now analyse and interpret the supplied Saliva Biomarker Data.
- STEP 8.** **daacro's** medical writing service can assist publishing your data.

## daacro Saliva Lab Trier

Supporting Science through Integrated Services

### Saliva Testing Services

can be used for academic and/or industry research, clinical trial research and diagnostic purposes

### neuropattern™

our new diagnosis tool consists of biological, psychological and symptom measures that facilitate the identification of neurobiological dysregulations in the stress response

### Clinical Trial Research Organisation

**daacro's** CRO also offers the following services: Project Planning, Project Management, Monitoring, Data Management, Biostatistics, Medical Writing, Training (GCP and TSST)

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