

Advantages

- * Ready to use and CE/IVD kit
- * Simple, non-critical and rapid preparative phase
- * Maximum specificity
- * Recovery of analytes ranges from 90% to 100%



Website

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**CORTISOL AND
CORTISONE IN SALIVA BY
LC-MS/MS**

REF LC91110

IVD CE

September 2021

Cushing syndrome

Long time exposure to high amount of glucocorticoids may lead to a rare disorder called Cushing's syndrome. In order to reduce mortality, an early diagnosis is needed. Nevertheless, it is not always straightforward, especially in case of mild hypercortisolism and in absence of remarkable symptoms (Sharma *et. al.* Clinical Epidemiology, 2015). The determination and quantitative analysis of Cortisol and Cortisone in saliva can be helpful as a monitoring of psychophysical stress and as an aid to the diagnosis of Cushing's disease.

Principle of the method

Add **Reagent A** and **Reagent B** to calibrator, sample and control



Vortex

Centrifuge



Take the supernatant and transfer it into vials



Add **Reagent C**



Vortex

Injection into LC-MS/MS

