

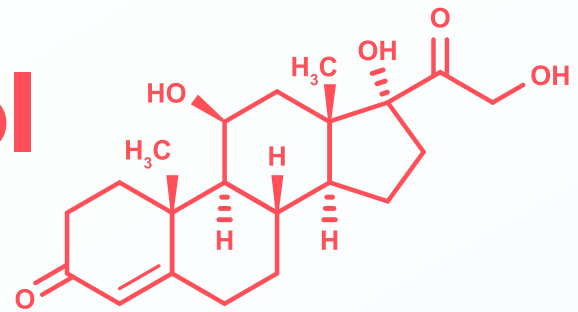


Salivary Cortisol

Cortisol is a steroid hormone that is released with a diurnal cycle. Cortisol levels are upregulated in response to stress and low blood-glucose concentration to increase blood sugar through gluconeogenesis, to suppress the immune system, and to aid in the metabolism of fat, protein, and carbohydrates. Salivary cortisol is widely accepted and frequently employed as a biomarker of psychological stress and related mental or physical diseases. Most studies consider salivary cortisol levels a reliable measure of hypothalamus–pituitary–adrenal axis (HPAA) adaptation to stress.

Applications

- ▶ Stress
- ▶ Immune system, infectious disease & COVID-19
- ▶ Inflammation & oxidative stress
- ▶ Cardiovascular diseases



Panel	LLOQ
	Saliva
Cortisol	0.2 ng/mL

The panel is for non-GxP testing and is not for diagnostic use

Analysis Method and Instrumentation

LC-MS/MS (Agilent 1290 UHPLC/Sciex QTrap 5500)

Sample Type and Required Amounts

Sample Type	Sample Requirement
Saliva	500 μ L
Others on request	

Contact us to get started
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