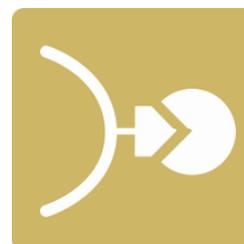


Sensitive and reliable

Cortisol Saliva ELISA

Cat. No.: RE52611



Free cortisol measurement in saliva is a very convenient assessment of adrenal gland function. Sustained abnormally **high or low cortisol levels** are often found in people with **adrenal imbalance**. Adrenal dysfunction may be a **factor in many related clinical conditions** that include fibromyalgia, hypothyroidism, chronic fatigue syndrome, and premature menopause.

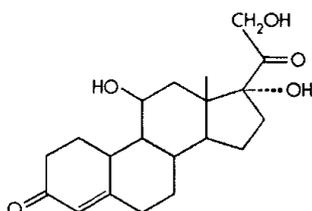
Saliva cortisol test is recommended for patients with e.g. **reduced tolerance for stress, fatigue, sleep disturbances and depression.**

Advantages of our Cortisol Saliva ELISA

- Very good performance due to **enzymatic signal amplification**.
- **Easy to adapt to automated instruments** (DSX, BEP2000, Triturus, Etimax...).
- CE and FDA(510)k approved.
- Also suitable for measurement of total cortisol in diluted serum without extraction

Assay characteristics

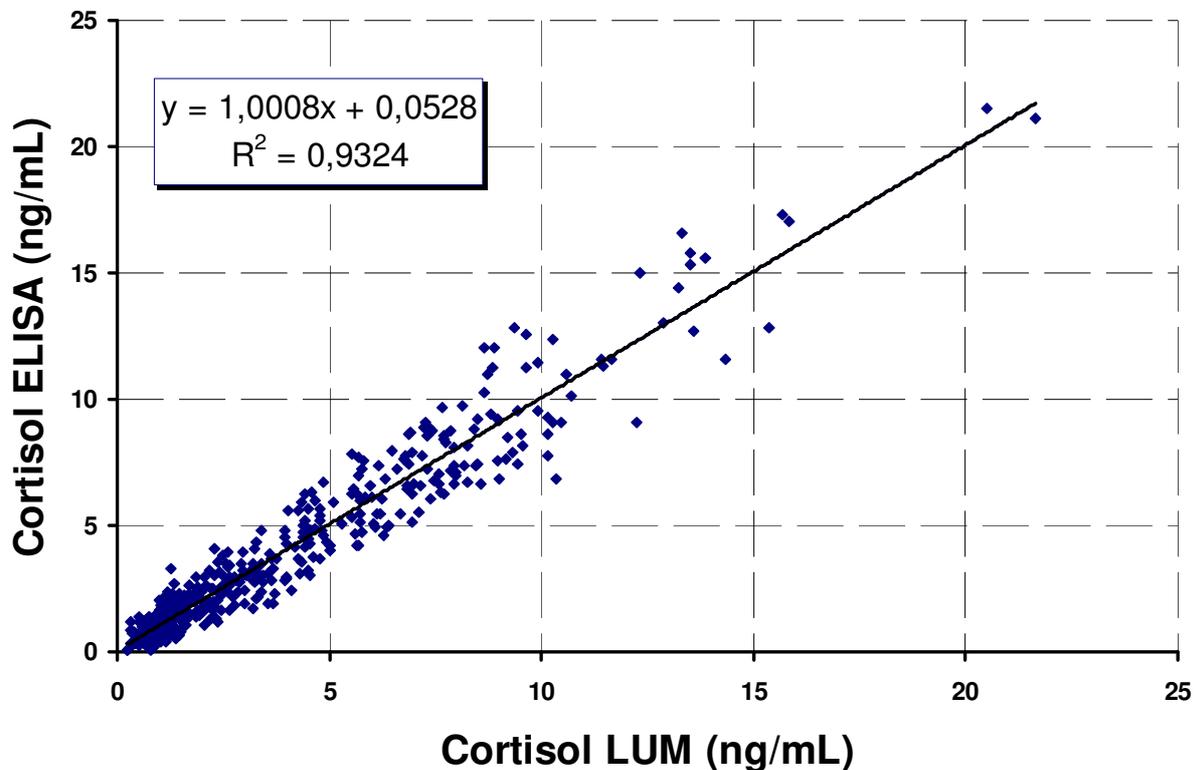
Analytical sensitivity:	0.05 ng/mL
Functional sensitivity (20% cv):	0.3 ng/mL
Analytical specificity:	Cortisone 4.2%
(cross-reactivity)	Prednisone 2.5%
	Corticosterone 1.4%
	Desoxycorticosterone 0.9%
	17-OH-Progesterone 0.4%
Intra-assay cv:	3.1-7.3% at 2.7-23.4 ng/mL
Inter-assay cv:	6.4-9.3% at 5.4-23.5 ng/mL



Cortisol Saliva ELISA

Excellent correlation with the Cortisol Luminescence IA

The cortisol content of 454 saliva samples was assessed both by the IBL Cortisol ELISA (RE52611) and the IBL Cortisol Luminescence Immunoassay (RE62011). All samples were stored frozen at $-20\text{ }^{\circ}\text{C}$ and centrifuged at 3000g before use.



The results of the method comparison study show very good correlation characteristics demonstrating that both the ELISA and Luminescence Immunoassay provide nearly identical analytical results.