

ARG80859
Cortisol ELISA KitPackage: 96 wells
Store at: 4°C

Summary

Product Description	An enzyme immunoassay for the quantification of active free cortisol in saliva.
Tested Reactivity	All
Tested Application	ELISA
Target Name	Cortisol
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	0.019 ng/ml
Sample Type	Saliva.
Standard Range	0.1 - 30 ng/ml
Sample Volume	50 µl

Application Instructions

Assay Time	60, 30 min
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Full Name	Cortisol
Background	<p>The morning peak always appears during the first 2 hours after the regular wake-up time. During the day the Cortisol concentration decreases and in the evening we can see very low values. This test is especially suited for measuring very low concentration values. If you want to exclude an Addison syndrome please collect saliva during the morning peak. In case of a suspected Cushing's syndrome we are recommending to always use late evening samples as recommended by Nieman et al in JCEM 2008 Vol.93, No.5, pages 1526-1540.</p> <p>In case of stress testing we are recommending to collect saliva samples during the first 2 hours of a day and another set of samples in the late evening. Then the lab will measure the morning mixture and the evening mixture giving 2 mean results.</p> <p>In order to avoid arbitrary results we highly are recommending to always take 5 samples during a 2 hour period and measure the average value of the mixture.</p> <p>Usually the salivary concentration of Cortison is about twice the concentration of Cortisol. This is</p>

similar to serum/plasma and urine as well.

Highlight

Related products:

[Cortisol antibodies](#); [Cortisol ELISA Kits](#);

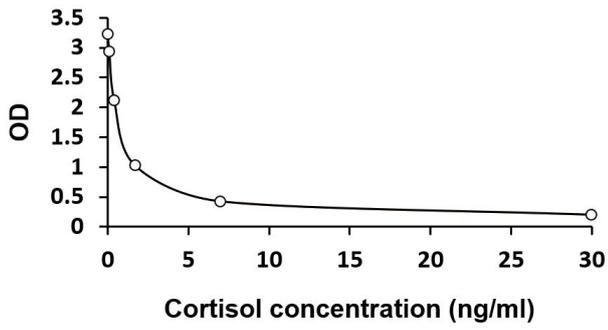
New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

Research Area

Metabolism kit; Signaling Transduction kit

Images



ARG80859 Cortisol ELISA Kit standard curve image

ARG80859 Cortisol ELISA Kit results of a typical standard run with optical density reading at 450 nm.