

# Cortisol ELISA kit | Fast | Serum and Plasma

Ref: MS-E-5000

This rapid ELISA kit quantitatively measures cortisol, the primary glucocorticoid in humans, in serum and plasma samples. Measuring stress hormone cortisol is crucial for assessing endocrine function (HPA axis), stress response, circadian rhythm, and disorders related to adrenal insufficiency. Designed for both in vitro diagnostic and research use, its 96-well plate format facilitates high-throughput testing and ensures fast turnaround times.

<b>Sample type</b>	Serum and plasma
<b>Capacity</b>	96 tests
<b>Sensitivity</b>	7.74 ng/mL
<b>Range</b>	0/20 - 800 ng/mL
<b>Assay time</b>	75 min
<b>Reactivity</b>	Any species

## INFORMATIONS

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<b>Product name</b>	Cortisol ELISA
<b>Description</b>	<i>In vitro</i> diagnostics / Research enzyme immunoassay (ELISA) for the quantitative determination of Cortisol in serum and plasma
<b>Labels</b>	IVD (EU only) or RUO, CE
<b>Format</b>	96-well plate
<b>Samples</b>	Serum and plasma
<b>Sample volume</b>	20µL
<b>Reactivity</b>	Any species
<b>Standard range</b>	0/20 - 800 ng/mL
<b>Sensitivity</b>	7.74 ng/mL
<b>Specificity</b>	No significant cross-reactivity was observed with cortisol analogs such as Corticosterone, Cortisone, Deoxycortisol, Dexamethazone, Estrone, Progesterone and Testosterone.
<b>Assay time</b>	75 min

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## PROTOCOLS

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<b>Product storage</b>	Store at 2-8°C for up to 6 months
<b>Sample collection &amp; storage</b>	<u>Serum or plasma (EDTA, heparin or citrate plasma)</u> : Store samples at 2-8°C for up to 48h or -20°C for longer period (up to 6 months).
<b>Sample preparation</b>	Enzymatic conjugation (60 min)
<b>ELISA</b>	Incubation, revelation and read steps (15min)
<b>Detailed protocol</b>	IVD: <a href="#">Download instructions for use</a> RUO: <a href="#">Download instructions for use</a>

## Product pictures

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### **Cortisol ELISA MS-E-5000**

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## Contact information

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**To order, review, ask for technical support, visit product page at:**

<https://www.immusmol.com/shop/cortisol-elisa-kit-i-fast-i-serum-and-plasma/>