

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.

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

INFORMATIONS

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

PROTOCOLS

Product storage	Store at 2-8°C for up to 6 months
Sample collection & storage	<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).
Sample preparation	Enzymatic conjugation (60 min)
ELISA	Incubation, revelation and read steps (15min)
Detailed protocol	IVD: Download instructions for use RUO: Download instructions for use

Product pictures



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/>