ACTH ELISA kit

Highly sensitive ACTH ELISA kit enabling detection of ACTH in human plasma in 4.5 hours.

The ACTH ELISA kit is a colorimetric immunoassay kit with results in 4.5 hours.

Adrenocorticotropic hormone (ACTH), also known as corticotropin, is a polypeptide tropic hormone produced and secreted by the anterior pituitary gland. It is an important component of the hypothalamic-pituitary-adrenal axis and is often produced in response to biological stress (along with its precursor corticotropin-releasing hormone from the hypothalamus). Its principal effects are increased production and release of corticosteroids

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ENZ-KIT138-0001	96 wells

Manuals, SDS & CofA View Online »

- Sensitive measurement of ACTH, detecting as little as 0.46 pg/ml.
- Negligible reactivity to similar hormones.
- High throughput with results in 4.5 hours.
- Fully quantitative results that surpass semi-quantitative Western blot analysis

Handling & Storage

Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Adrenocorticotropic hormone, Corticotropin
Application	Colorimetric detection, ELISA
Application Notes	For the quantitative determination of ACTH in plasma in human samples.
Assay Time	4.5 hours
Compatibility	This product is compatible with the **Absorbance 96 Plate Reader**.
Contents	Microtiter Plate, Standard, Wash Buffer Concentrate, Buffer, Antibody, Conjugate, Substrate, and Stop Solution
Sensitivity	0.46 pg/ml (0.5-165 pg/ml)
Species Reactivity	Human
UniProt ID	P01189 (human)
Wavelength	450 nm

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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