

## Product Datasheet

# Human Adrenocorticotrophic Hormone (ACTH) ELISA Kit (orb1807127)

<b>Catalog Number</b>	orb1807127
<b>Category</b>	Assays and Kits
<b>Description</b>	Human Adrenocorticotrophic Hormone (ACTH) ELISA Kit
<b>Target</b>	ACTH
<b>Reactivity</b>	Human
<b>UniProt ID</b>	<b>P63267</b>
<b>Application notes</b>	<p>This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Human ACTH. Standards or samples are added to the appropriate micro ELISA plate wells then with a biotin-conjugated antibody specific to Human ACTH. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm <math>\pm</math> 10nm. The concentration of Human ACTH in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
<b>Assay Type</b>	Competitive
<b>Assay Time</b>	1.5H
<b>Standard</b>	1000pg/mL
<b>Range</b>	15.63-1000pg/mL
<b>Sensitivity</b>	5.47 pg/mL

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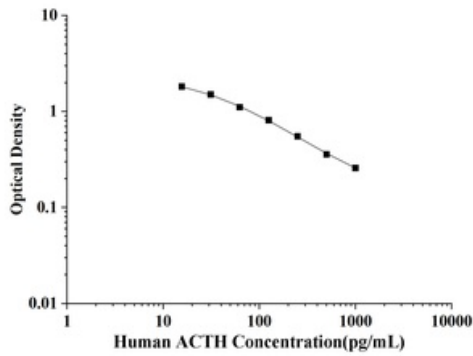
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**Sample Types** serum, plasma, Tissue homogenate and Other biological samples

**Note** For research use only

**Expiration Date** 6 months from date of receipt.



Standard curve for orb1807127 ELISA kit.

**Biorbyt Ltd.**

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