

Product Datasheet

Human ACTH ELISA Kit (Colorimetric) NBP2-66401

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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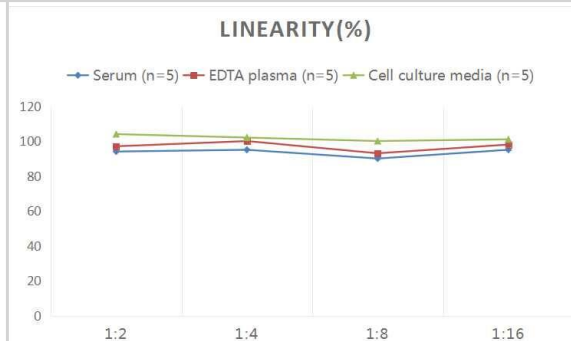
NBP2-66401**Human ACTH ELISA Kit (Colorimetric)**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Gene ID	5443
Gene Symbol	POMC
Species	Human
Specificity/Sensitivity	This kit recognizes Human ACTH in samples. No significant cross-reactivity or interference between Human ACTH and analogues was observed.
Kit Components	Micro ELISA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Product Manual
Standard Curve Range	15.63 - 1000 pg/mL
Sensitivity	9.38 pg/mL
Inter Assay	CV% < 4.87%
Intra Assay	CV% < 5.1%
Assay Type	Competitive-ELISA
Spiking Recovery	85-104%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	50 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

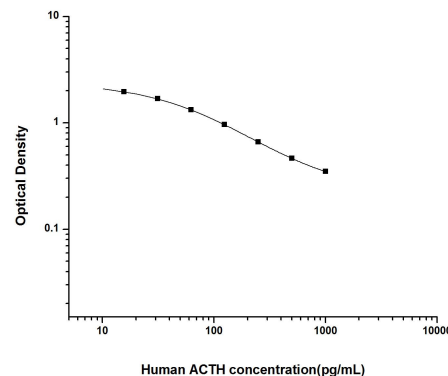


Images

ELISA: Human ACTH ELISA Kit (Colorimetric) [NBP2-66401] - Samples were spiked with high concentrations of Human ACTH and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Human ACTH ELISA Kit (Colorimetric) [NBP2-66401] - Standard Curve Reference



Publications

Calapai M, Puzzo L, Bova G et al. Effects of Physical Exercise and Motor Activity on Depression and Anxiety in Post? Mastectomy Pain Syndrome preprints.org 2023-11-23 [PMID: 38255692] (ELISA)

Chakrabarti J, Pandey R, Churko J et al. Development of Human Pituitary Neuroendocrine Tumor Organoids to Facilitate Effective Targeted Treatments of Cushing's Disease Cells 2022-10-23 [PMID: 36359740] (ELISA)



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Products Related to NBP2-66401

210-TA-005	TNF-alpha [Unconjugated]
NBP2-32912-0.1mg	ACTH Antibody (57) - N-terminal
DLP00	Leptin/OB [HRP]
MAB1417	Insulin Antibody (182410) [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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