

# Product Datasheet

## Epinephrine ELISA Kit (Colorimetric)

### KA1882

Unit Size: 1 Kit

Store at 4C.

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**KA1882****Epinephrine ELISA Kit (Colorimetric)**

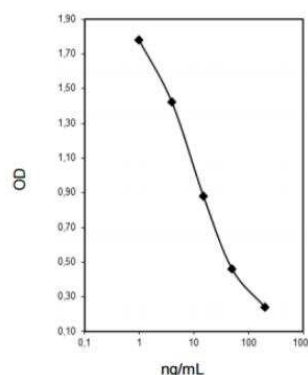
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Store at 4C.

<b>Product Description</b>	
<b>Description</b>	Epinephrine ELISA Kit is an enzyme immunoassay for the quantitative determination of Epinephrine in plasma and urine.
<b>Kit Components</b>	Adhesive Foil, Wash Buffer Concentrate (50x), Enzyme Conjugate, Substrate, Stop Solution, Adrenaline Microtiter Strips, Adrenaline Antiserum, Adjustment Buffer, Acylation Buffer, Acylation Reagent, Assay Buffer, Coenzyme, Enzyme, Extraction Buffer, Extraction Plate, Hydrochloric Acid
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Standard Curve Range</b>	0.7 to 200 ng/mL in Urine, 18 to 6667 pg/mL in plasma
<b>Sensitivity</b>	0.9 ng/mL urine, 10 pg/mL plasma
<b>Inter Assay</b>	CV% < 10.27%
<b>Intra Assay</b>	CV% < 10.95%
<b>Assay Type</b>	Quantification
<b>Suitable Sample Type</b>	Plasma, Urine
<b>Sample Volume</b>	100 uL (extracted)

<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Quantification
<b>Recommended Dilutions</b>	ELISA, Quantification

**Images**

ELISA: Epinephrine ELISA Kit [KA1882] - Standard curve



## Publications

Lansdown A, Warnert E, Sverrisdottir Y et al. Regional Cerebral Activation Accompanies Sympathoexcitation in Women With Polycystic Ovary Syndrome. *J Clin Endocrinol Metab*. 2019-09-01 [PMID: 31127833]

Alex A, Morten F, Andreas V et al. Oral delivery of systemic monoclonal antibodies, peptides and small molecules using gastric auto-injectors. *Nat Biotechnol*. 2021-08-30 [PMID: 34462588]

Arbnore G, Seryozha G, Vujica Z et al. The Effect of Aerobic Physical Activity in Adrenaline Level in White Laboratory Rats. *Med Arch*. 2020-04-07 [PMID: 32577046]

Seung-Jin K, Dechun F, Adrien G et al. Adipocyte Death Preferentially Induces Liver Injury and Inflammation Through the Activation of Chemokine (C-C Motif) Receptor 2-Positive Macrophages and Lipolysis Hepatology. 2019-03-18 [PMID: 30681731]

Marina D, Carolyn C, Jasmin G et al. Leptin treatment prevents impaired hypoglycemic counterregulation induced by exposure to severe caloric restriction or exposure to recurrent hypoglycemia. *Auton Neurosci*. 2021-07-16 [PMID: 34358845]

X Jia, S Chen, X Li, S Tao, J Lai, H Liu, K Huang, Y Tian, P Wei, F Yang, Z Lu, Z Chen, XA Liu, F Xu, L Wang Divergent neurocircuitry dissociates two components of the stress response: glucose mobilization and anxiety-like behavior *Cell Reports*, 2022-11-08;41(6):111586. 2022-11-08 [PMID: 36351404]

L Lu, Y Ren, T Yu, Z Liu, S Wang, L Tan, J Zeng, Q Feng, R Lin, Y Liu, Q Guo, M Luo Control of locomotor speed, arousal, and hippocampal theta rhythms by the nucleus incertus *Nat Commun*, 2020-01-14;11(1):262. 2020-01-14 [PMID: 31937768]

Berger J, Singh P, Khirmian L et al. Mediation of the Acute Stress Response by the Skeleton. *Cell Metab*. 2019-09-12 [PMID: 31523009]

Kurz E, Hirsch C, Dalton T et al. Exercise-induced engagement of the IL-15/IL-15R alpha axis promotes anti-tumor immunity in pancreatic cancer *Cancer Cell* 2022-06-01 [PMID: 35660135] (ELISA, Mouse)

Reno CM, Skinner A, Bayles J et al. Severe Hypoglycemia-Induced Sudden Death is Mediated by Both Cardiac Arrhythmias and Seizures. *Am J Physiol Endocrinol Metab* 2018-02-27 [PMID: 29486140]





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### **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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