Product Datasheet

Human Cortisol ELISA Kit (Colorimetric) KA1885

Unit Size: 1 Kit

Store at 4C.

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Publications: 21

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KA1885

Human Cortisol 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	Store at 4C.
Product Description	
Description	Cortisol ELISA Kit is an enzyme immunoassay for the quantitative determination of Cortisol in human saliva.
Species	Human
Kit Components	Microtiterwells: 12x8 (break apart) strips; wells coated with an anti-cortisol antibody (polyclonal)., Standard A (Standard 0)*, 0 ng/mL, ready to use., Standard B (Standard 1)*, 0.1 ng/mL, ready to use., Standard C (Standard 2)*, 0.4 ng/mL, ready to use., Standard D (Standard 3)*, 1.7 ng/mL, ready to use., Standard E (Standard 4)*, 7 ng/mL, ready to use., Standard F (Standard 5)*, 30 ng/mL, ready to use., Control 1 & amp; Control 2: For control values and ranges please refer to vial label; ready to use., Enzyme conjugate: Cortisol conjugated to horseradish peroxidase; ready to use., Substrate Solution: Contains Tetramethylbenzidine (TMB); ready to use., Stop Solution: Contains 2 N acidic solution; ready to use. Avoid contact with Stop Solution. It may cause skin irritations and burns., Wash Solution (10x concentrated)
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	0.1 to 30 ng/mL
Sensitivity	0.3 ng/mL
Inter Assay	CV% < 8.33%
Intra Assay	CV% < 8.27%
Assay Type	Quantification
Suitable Sample Type	Saliva
Sample Volume	50 uL
Product Application Details	
Applications	ELISA, Quantification
Recommended Dilutions	ELISA, Quantification



Publications

Jennifer G, Mark S, Yulia G et al. The association between prenatal alcohol consumption and preschool child stress system disturbance. Dev Psychobiol. 2020-10-03 [PMID: 33012000]

Brun N, van P, Hunting E et al. Polystyrene nanoplastics disrupt glucose metabolism and cortisol levels with a possible link to behavioural changes in larval zebrafish. Commun Biol. 2019-10-18 [PMID: 31646185]

Jai A, Kyung K, Seon P et al. Wearable Cortisol Aptasensor for Simple and Rapid Real-Time Monitoring. ACS Sens. 2022-01-07 [PMID: 34995062]

Golub Y, Kuitunen-Paul S, Panaseth K et al. Salivary and hair cortisol as biomarkers of emotional and behavioral symptoms in 6-9 year old children. Physiol Behav. 2019-06-20 [PMID: 31228497]

Sharpley C, Bitsika V, McMillan M et al. Dyadic coping and the cortisol:CRP ratio: How marital stress influences physiological state. Physiol Behav. 2019-08-31 [PMID: 31479683]

Sharpley CF, Christie DRH, Bitsika V et al. Comparing a genetic and a psychological factor as correlates of anxiety, depression, and chronic stress in men with prostate cancer. Support Care Cancer 2018-03-30 [PMID: 29603029]

Bitsika V, Sharpley CF, McMillan ME et al. Background cortisol versus social anxiety as correlates of HPA-axis recovery from stress in boys with Autism Spectrum Disorder. Int J Dev Neurosci 2018-08-27 [PMID: 30165174]

Bitsika V, Sharpley CF, Agnew LL et al. Social Motivation is Associated with Elevated Salivary Cortisol in Boys with an ASD. Journal of Developmental and Physical Disabilities 2015-10-26

Bitsika V, Sharpley CF, Andronicos NM et al. Agreement Between self- vs Parent-Ratings of General Anxiety Disorder Symptoms and Salivary Cortisol in boys with an ASD. J Dev Phys Disabil Apr 1 2015 12:00AM

Das S, Sengupta S, Pathak K et al. Aggression as an independent entity even in psychosis - The role of cortisol. Psychiatry Res 2018-01-01 [PMID: 29120850] (ELISA, Human)

Sharpley CF, Christie DRH, Bitsika V et al. Limitations in the inverse association between Psychological Resilience and depression in prostate cancer patients experiencing chronic physiological stress. Psychooncology 2017-07-10 [PMID: 28692205]

Sharpley CF, Christie DR, Bitsika V et al. Neurobiological and psychological evidence of chronic stress in prostate cancer patients. Eur J Cancer Care (Engl) 2017-03-02 [PMID: 28252237]

More publications at http://www.novusbio.com/KA1885





Novus Biologicals USA

10730 E. Briarwood Avenue Centennial, CO 80112 USA Phone: 303.730.1950 Toll Free: 1.888.506.6887 Fax: 303.730.1966 nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave Toronto, ON M8Z 4E6 Canada Phone: 905.827.6400 Toll Free: 855.668.8722 Fax: 905.827.6402 canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane Abingdon Science Park Abingdon, OX14 3NB, United Kingdom Phone: (44) (0) 1235 529449 Free Phone: 0800 37 34 15 Fax: (44) (0) 1235 533420 info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com Technical Support: nb-technical@biotechne.com Orders: nb-customerservice@bio-techne.com General: novus@novusbio.com

Products Related to KA1885

KGE008B

Cortisol [Biotin]

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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