Product Datasheet

Human Cortisol ELISA Kit (Colorimetric)

KA1885

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

Publications: 11

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:

www.novusbio.com/KA1885

Updated 8/21/2018 v.20.1

Earn rewards for product reviews and publications.
Submit a publication at www.novusbio.com/publications
Submit a review at www.novusbio.com/reviews/destination/KA1885
# KA1885
## Human Cortisol ELISA Kit (Colorimetric)

### Product Information

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit Size</strong></td>
<td>1 Kit</td>
</tr>
<tr>
<td><strong>Concentration</strong></td>
<td>Concentration is not relevant for this product. Please see the protocols for proper use of this product.</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>Storage of components varies. See protocol for specific instructions.</td>
</tr>
</tbody>
</table>

### Product Description

**Species** Human

**Reactivity Notes** Human reactivity reported in scientific literature (PMID: 24412722)

**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 & 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** 0.66 to 20 ng/mL

**Sensitivity** 0.3 ng/mL

**Inter Assay** CV% < 8.33%

**Intra Assay** CV% < 8.27%

**Assay Type** Competitive ELISA

**Suitable Sample Type** Saliva

**Sample Volume** 50 uL

### Product Application Details

**Applications** ELISA

**Recommended Dilutions** ELISA

**Application Notes** Cortisol ELISA Kit is an enzyme immunoassay for the quantitative determination of Cortisol in human saliva.
<table>
<thead>
<tr>
<th>Publications</th>
<th>PMID</th>
</tr>
</thead>
<tbody>
<tr>
<td>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 Jul 10</td>
<td>28692205</td>
</tr>
<tr>
<td>Sharpely CF, Bitsika V, Andronicos NM, Agnew LL. Further evidence of HPA-axis dysregulation and its correlation with depression in Autism Spectrum Disorders: Data from girls. Physiol Behav 2016 Sep 13</td>
<td>27619171</td>
</tr>
<tr>
<td>Kadam PD, Chuan HH. Erratum to: Rectocutaneous fistula with transmigration of the suture: a rare delayed complication of vault fixation with the sacrospinous ligament. Int Urogynecol J 2016 Mar</td>
<td>26811110</td>
</tr>
<tr>
<td>Bitsika V, Sharpely CF, Agnew LL, Andronicos NM. Age-related differences in the association between stereotypic behaviour and salivary cortisol in young males with an Autism Spectrum Disorder. Physiol Behav. 2015 Oct 09</td>
<td>26456519</td>
</tr>
<tr>
<td>Bitsika V, Sharpely CF, Sweeney JA, McFarlane JR. HPA and SAM axis responses as correlates of self- vs parental ratings of anxiety in boys with an Autistic Disorder. Physiol Behav. 2014 Mar 29</td>
<td>24412722 (Human)</td>
</tr>
</tbody>
</table>
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/KA1885

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications