Product Datasheet

Dopamine ELISA Kit (Colorimetric)
KA1887

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

Publications: 7

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Updated 12/5/2017 v.20.1

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**Product Information**

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<th>Feature</th>
<th>Details</th>
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<tbody>
<tr>
<td>Unit Size</td>
<td>1 Kit</td>
</tr>
<tr>
<td>Concentration</td>
<td>Concentration is not relevant for this product. Please see the protocols for proper use of this product.</td>
</tr>
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<td>Storage</td>
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**Product Description**

**Kit Components**

Adhesive Foil: Ready to use, in a resealable pouch., Wash Buffer Concentrate (50x): Concentrated buffer with a non-ionic detergent and physiological pH., Enzyme Conjugate: Ready to use, goat anti-rabbit immunoglobulins, conjugated with peroxidase., Substrate: Ready to use, chromogenic substrate containing tetramethylbenzidine, substrate buffer and hydrogen peroxide., Stop Solution: Ready to use, containing 0.25 M sulfuric acid., Dopamine Antiserum: Ready to use, rabbit anti-dopamine antibody, green coloured., Adjustment Buffer: Ready to use, TRIS buffer., Acylation Buffer: Ready to use, buffer with light alkaline pH for the acylation., Acylation Reagent: Ready to use, Acylation reagent in DMF and DMSO. H225 Highly flammable liquid and vapour. H360 May damage fertility or the unborn child. H319 Causes serious eye irritation., Assay Buffer: Ready to use, 1 M hydrochloric acid and a non-mercury preservative., Coenzyme: Ready to use, S-adenosyl-L-methionine, Enzyme: Lyophilized Catechol-O-methyltransferase., Extraction Buffer: Ready to use, buffer containing carbonate., Extraction Plate: Ready to use, plates coated with boronate affinity gel in a resealable pouch., Hydrochloric Acid: Ready to use, 0.025 M hydrochloric acid, yellow coloured., Dopamine Microtiter Strips: Ready to use, antigen precoated microwell plate in a resealable green pouch with desiccant.

**Notes**

This product is produced by and distributed for Abnova, a company based in Taiwan.

**Standard Curve Range**

114 to 1917 ng/mL urine, 1000 to 8000 pg/mL plasma

**Sensitivity**

4.5 ng/mL urine, 20 pg/mL plasma

**Inter Assay**

CV% < 17.05%

**Intra Assay**

CV% < 12.65%

**Assay Type**

Competitive ELISA

**Spiking Recovery**

Urine: 95%, Plasma: 90%

**Suitable Sample Type**

Plasma, Urine

**Sample Volume**

Urine: 10 uL, Plasma: 300 uL

**Product Application Details**

**Applications**

ELISA

**Recommended Dilutions**

ELISA

**Application Notes**

Dopamine ELISA Kit is an enzyme immunoassay for the quantitative determination of Dopamine in plasma and urine.
Images

ELISA: Dopamine ELISA Kit [KA1887] - Standard Curve Note: The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Publications


**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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<td>Dopamine Antibody (2B11)</td>
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