

# Product Datasheet

## Melatonin ELISA Kit (Colorimetric) NBP3-21420

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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**NBP3-21420****Melatonin 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>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Specificity/Sensitivity</b>	This kit recognizes MT in samples. No significant cross-reactivity or interference between MT and analogues was observed.
<b>Kit Components</b>	Micro ELISA Plate(Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Reference Standard & Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Manual, Certificate of Analysis
<b>Standard Curve Range</b>	15.63-1000 pg/mL
<b>Sensitivity</b>	9.38 pg/mL
<b>Inter Assay</b>	CV % < 5.49
<b>Intra Assay</b>	CV % < 5.45
<b>Assay Type</b>	Competitive-ELISA
<b>Spiking Recovery</b>	89-109%
<b>Suitable Sample Type</b>	Serum, Plasma and other biological fluids
<b>Sample Volume</b>	50 uL





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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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