

# Product Datasheet

## Human Vitamin B12 ELISA Kit (Colorimetric) NBP2-60196-1Kit

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 1

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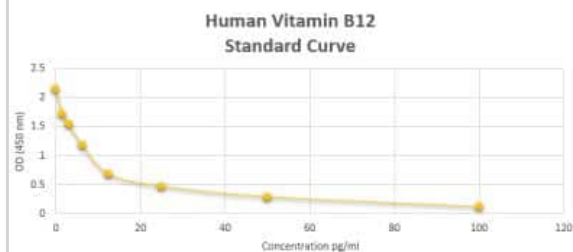


**NBP2-60196-1Kit****Human Vitamin B12 ELISA Kit (Colorimetric)**

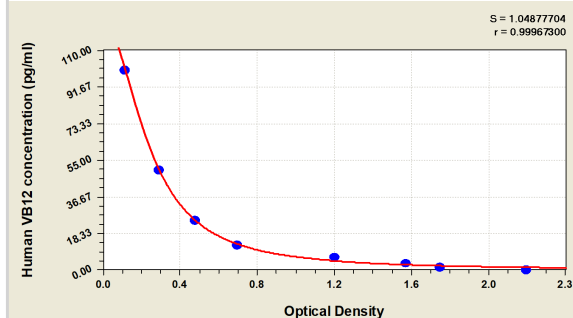
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Description</b>	Assay Length: 1-5 hours
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This assay has high sensitivity and excellent specificity for detection of human VB12. No significant cross-reactivity or interference between human VB12 and analogues was observed.
<b>Kit Components</b>	Assay plate, Standard, Biotin-conjugate (10 x concentrate), HRP-avidin (100 x concentrate), Biotin-conjugate Diluent, HRP-avidin Diluent, Sample Diluent, Wash Buffer (25 x concentrate), TMB Substrate, Stop Solution, Adhesive Strip (For 96 wells), Instruction manual
<b>Standard Curve Range</b>	1.56 pg/mL - 100 pg/mL
<b>Sensitivity</b>	1.498 pg/mL
<b>Inter Assay</b>	%CV < 10
<b>Intra Assay</b>	%CV < 8
<b>Assay Type</b>	Competitive ELISA
<b>Suitable Sample Type</b>	Serum and plasma
<b>Sample Volume</b>	50 - 100 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

## Images

ELISA: Human Vitamin B12 ELISA Kit (Colorimetric) [NBP2-60196] - These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



Human Vitamin B12 ELISA Kit (Colorimetric) [NBP2-60196] - Standard Curve Reference



## Publications

Li Z, Hardij J, Evers SS, et al. G-CSF partially mediates effects of sleeve gastrectomy on the bone marrow niche J. Clin. Invest. 2019-05-06 [PMID: 31063988] (ELISA)



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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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