

# Product Datasheet

## Mouse Thyroxine ELISA Kit (Colorimetric) NBP2-60162-1Kit

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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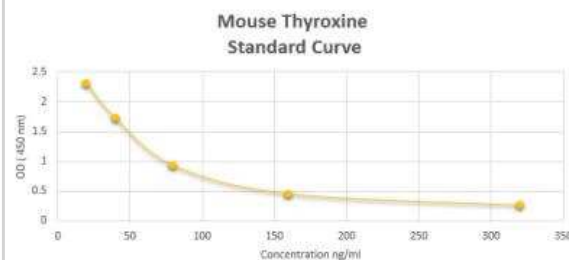
**NBP2-60162-1Kit**

## Mouse Thyroxine ELISA Kit (Colorimetric)

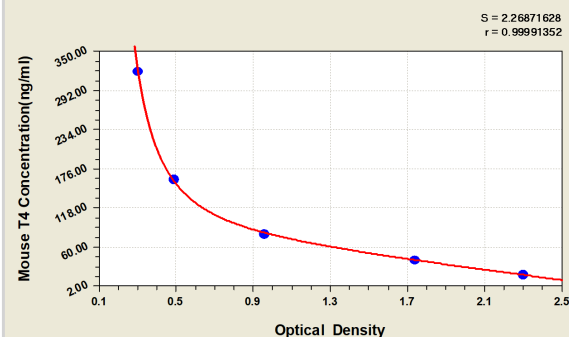
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Description</b>	Assay Length: 1-5 hours
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	This assay has high sensitivity and excellent specificity for detection of mouse T4. No significant cross-reactivity or interference between mouse T4 and analogues was observed.
<b>Kit Components</b>	Assay plate, Standard, Conjugate, HRP-avidin, Wash Buffer (20 x concentrate), Substrate A, Substrate B, Stop Solution, Adhesive Strip (For 96 wells), Instruction manual
<b>Standard Curve Range</b>	20 ng/mL - 320 ng/mL
<b>Sensitivity</b>	20 ng/mL
<b>Inter Assay</b>	%CV < 15
<b>Intra Assay</b>	%CV < 15
<b>Assay Type</b>	Competitive ELISA
<b>Spiking Recovery</b>	
<b>Suitable Sample Type</b>	Serum, plasma and tissue homogenates
<b>Sample Volume</b>	50 - 100 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

## Images

ELISA: Mouse Thyroxine ELISA Kit (Colorimetric) [NBP2-60162] - These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



Mouse Thyroxine ELISA Kit (Colorimetric) [NBP2-60162] - Standard Curve Reference



## Publications

Akiba K, Hasegawa Y, Katoh-Fukui Y et al. POU1F1/Pou1f1 c.143-83A > G variant disrupts the branch site in pre-mRNA and leads dwarfism Endocrinology 2022-11-26 [PMID: 36427334] (ELISA, Mouse)

Guo Y, Lv Z, Tang Z et al. Long-term exposure to low doses of bisphenol S has hypoglycaemic effect in adult male mice by promoting insulin sensitivity and repressing gluconeogenesis Environmental Pollution 2021-02-01 [PMID: 33667749] (ELISA, Mouse)

Sudo H, Tsuji AB, Sugyo A et al. Preclinical Evaluation of the Acute Radiotoxicity of the  $\alpha$ -Emitting Molecular-Targeted Therapeutic Agent 211At-MABG for the Treatment of Malignant Pheochromocytoma in Normal Mice. Transl Oncol. 2019-05-08 [PMID: 31078058] (ELISA, Mouse)



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### **Products Related to NBP2-60162-1Kit**

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NBP1-78604	Thyroxine Antibody (T4YCH)
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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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