

# Product Datasheet

## Testosterone ELISA Kit (Colorimetric) NBP2-42044

Unit Size: 1 Kit

Store at 4C. Do not freeze.

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### Publications: 1

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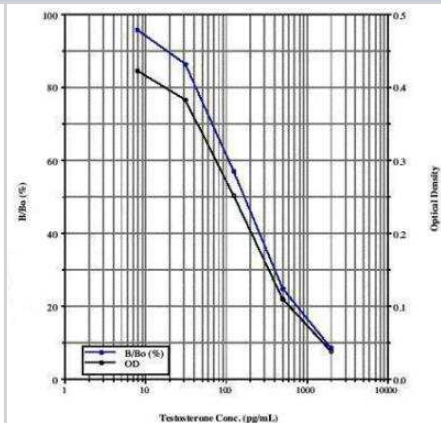


**NBP2-42044****Testosterone ELISA Kit (Colorimetric)**

<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>	Store at 4C. Do not freeze.
<b>Product Description</b>	
<b>Specificity/Sensitivity</b>	Crossreactivity summary to various steroid hormones: Testosterone (100%), 19-hydroxytestosterone (14.6%), Androstendione (7.20%), Dehydroepiandrosterone (0.72%), Estradiol (0.40%) and <0.001%: Dihydrotestosterone, Estriol, Aldosterone, Corticosterone, Cortisol, Cortisone, Estrone, Progesterone, Pregnenolone
<b>Kit Components</b>	Conjugate, Antibody, Assay buffer 3, Wash buffer concentrate, Standard, Steroid displacement reagent, pNpp Substrate, Stop solution, GxM IgG Microtiter plate (96 wells)
<b>Standard Curve Range</b>	7.81 - 2,000 pg/ml
<b>Sensitivity</b>	5.67 pg/ml
<b>Inter Assay</b>	Low Concentration %CV = 14.6% Medium Concentration %CV = 11.3% High Concentration %CV = 9.3%
<b>Intra Assay</b>	Low Concentration %CV = 10.8% Medium Concentration %CV = 10% High Concentration %CV = 7.8%
<b>Assay Type</b>	Competitive ELISA
<b>Spiking Recovery</b>	Please See Protocol for Specific Spike Recovery Details
<b>Suitable Sample Type</b>	Tissue Culture Media ,Human Saliva, Porcine Serum, Porcine EDTA, Plasma
<b>Sample Volume</b>	0.1 ml
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA
<b>Application Notes</b>	For the quantitative determination of free or total testosterone in culture supernatants, plasma, serum, and saliva from any species. Not suitable for human serum and plasma.

## Images

ELISA: Testosterone ELISA Kit (Colorimetric) [NBP2-42044] - Standard curve using NBP2-42044 Testosterone ELISA Kit



## Publications

Zhu J, Yang Q, Li H et al. Sirt3 deficiency accelerates ovarian senescence without affecting spermatogenesis in aging mice *Free radical biology & medicine* 2022-11-03 [PMID: 36336229]



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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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