

# Product Datasheet

## Human ATM ELISA Kit (Colorimetric) NBP2-69891

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 1

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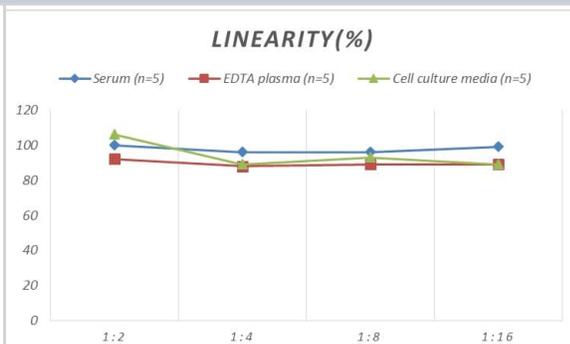
**NBP2-69891**

## Human ATM ELISA Kit (Colorimetric)

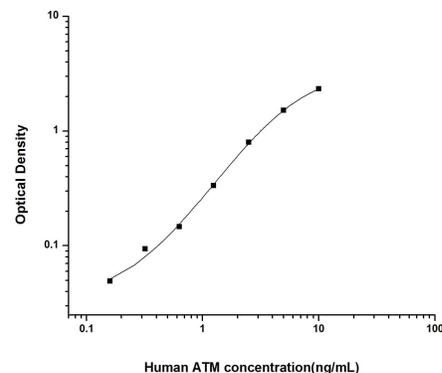
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	472
<b>Gene Symbol</b>	ATM
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	Human, ATM ELISA Kit (Colorimetric) recognizes Human ATM in samples. No significant cross-reactivity or interference between Human ATM and analogues was observed.
<b>Kit Components</b>	Micro ELISA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Product Manual
<b>Standard Curve Range</b>	0.16 - 10 ng/mL
<b>Sensitivity</b>	0.10 ng/mL
<b>Inter Assay</b>	CV% < 4.93%
<b>Intra Assay</b>	CV% < 5.19%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	87-106%
<b>Suitable Sample Type</b>	Serum, plasma and other biological fluids
<b>Sample Volume</b>	100 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

## Images

ELISA: Human ATM ELISA Kit (Colorimetric) [NBP2-69891] - Samples were spiked with high concentrations of Human ATM and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Human ATM ELISA Kit (Colorimetric) [NBP2-69891] - Standard Curve Reference



## Publications

Fasolo F, Winski G, Li Z et al. The circular RNA Ataxia Telangiectasia Mutated regulates oxidative stress in smooth muscle cells in expanding abdominal aortic aneurysms Molecular therapy. Nucleic acids 2023-09-12 [PMID: 37680984] (ELISA)



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### **Products Related to NBP2-69891**

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H00000472-Q01-10ug	Recombinant Human ATM GST (N-Term) Protein
NB100-304	53BP1 Antibody - BSA Free
NB100-309	ATM Antibody (2C1) - Azide and BSA Free
NB100-143	Nbs1 Antibody - BSA Free

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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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