

# Product Datasheet

## Mouse p21/CIP1/CDKN1A ELISA Kit (Colorimetric) NBP2-75206

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 1

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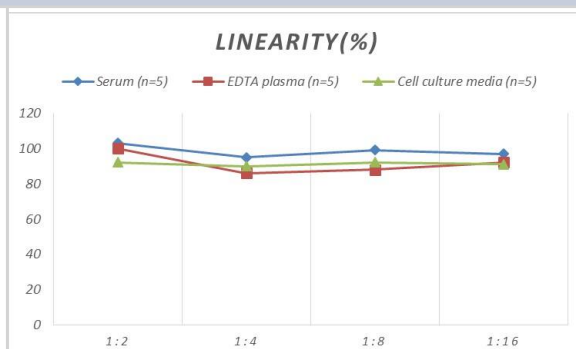


**NBP2-75206****Mouse p21/CIP1/CDKN1A ELISA Kit (Colorimetric)**

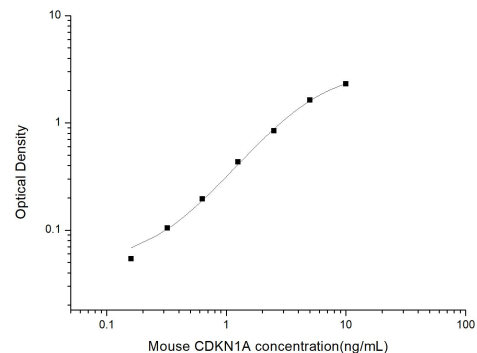
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	1026
<b>Gene Symbol</b>	CDKN1A
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	This kit recognizes Mouse CDKN1A in samples. No significant cross-reactivity or interference between Mouse CDKN1A 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% < 5.66%
<b>Intra Assay</b>	CV% < 4.55%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	85-104%
<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: Mouse p21/CIP1/CDKN1A ELISA Kit (Colorimetric) [NBP2-75206] - Samples were spiked with high concentrations of Mouse p21/CIP1/CDKN1A and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Mouse p21/CIP1/CDKN1A ELISA Kit (Colorimetric) [NBP2-75206] - Standard Curve Reference



## Publications

Soliman NA, Abd-Ellatif RN, Elsaadany AA et al. Luteolin and 5-fluorouracil act synergistically to induce cellular weapons in experimentally induced Solid Ehrlich Carcinoma: Realistic role of P53; a guardian fights in a cellular battle Chem. Biol. Interact. 2019-07-06 [PMID: 31288002] (ELISA, Mouse)



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### **Products Related to NBP2-75206**

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NBP2-22976	Recombinant Human p21/CIP1/CDKN1A His Protein
AF835	Caspase-3 Antibody [Unconjugated] - Active
NBP2-29463	p21/CIP1/CDKN1A Antibody (WA-1)
NB500-106	PCNA Antibody (PC10)

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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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