

# Product Datasheet

## Human AMPK alpha 1 ELISA Kit (Chemiluminescence) NBP2-68257

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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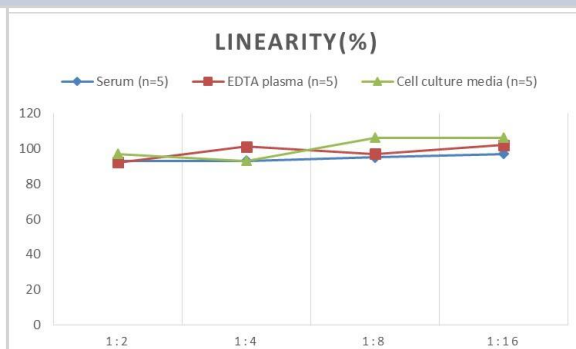


**NBP2-68257****Human AMPK alpha 1 ELISA Kit (Chemiluminescence)**

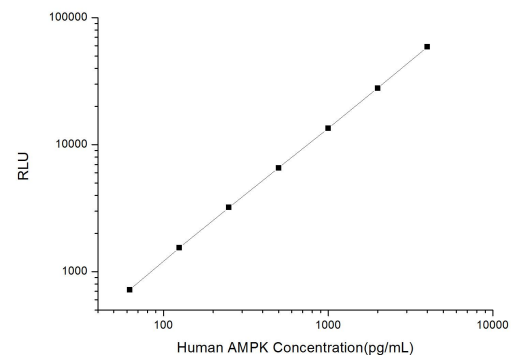
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	5562
<b>Gene Symbol</b>	PRKAA1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This kit recognizes Human AMPK in samples. No significant cross-reactivity or interference between Human AMPK and analogues was observed.
<b>Kit Components</b>	Micro CLIA 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 A, Substrate Reagent B, Plate Sealer, Product Manual
<b>Standard Curve Range</b>	62.50-4000 pg/mL
<b>Sensitivity</b>	37.50 pg/mL
<b>Inter Assay</b>	CV% < 10.61%
<b>Intra Assay</b>	CV% < 9.09%
<b>Assay Type</b>	Sandwich-CLIA
<b>Spiking Recovery</b>	89-113%
<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 AMPK alpha 1 ELISA Kit (Chemiluminescence) [NBP2-68257] - Samples were spiked with high concentrations of Human AMPK alpha 1 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Human AMPK alpha 1 ELISA Kit (Chemiluminescence) [NBP2-68257] - Standard Curve Reference





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### **Products Related to NBP2-68257**

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NBP2-51992-0.1mg	Recombinant Human AMPK alpha 1 His Protein
M6000B-1	IL-6 [HRP]
NBP2-22127	AMPK alpha 1 Antibody (2B7) - BSA Free
DRP300	Adiponectin/Acrp30 [HRP]

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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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