

# Product Datasheet

## Human, Mouse, Rat AKT1/2 [p Ser473, p Ser474] ELISA Kit (Colorimetric) NBP2-61397

Unit Size: 1 Kit

Store at 4°C.

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**NBP2-61397**

Human, Mouse, Rat AKT1/2 [p Ser473, p Ser474] ELISA Kit (Colorimetric)

Product Information	
<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 4°C.
Product Description	
<b>Gene ID</b>	207
<b>Gene Symbol</b>	AKT1
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	This product has been tested with AKT1 - Ser473 and AKT2 - Ser474. Possible Cross Reactivity listed below: Inactive Akt1 0.05% Inactive Akt3 <0.03% p38a, inactive 0.17% ERK1, inactive <0.03% ERK2, inactive <0.03% JNK1, inactive <0.03%
<b>Kit Components</b>	Microtiter plate, Conjugate, Antibody, Assay buffer 32, Wash buffer concentrate, Standard, TMB Substrate, Cell lysis buffer 5, Stop solution 2
<b>Standard Curve Range</b>	17.5 - 560 pg/ml
<b>Sensitivity</b>	5.5 pg/ml
<b>Inter Assay</b>	Mean 9.7%
<b>Intra Assay</b>	Mean 9.4%
<b>Spiking Recovery</b>	Jurkat Cells - 97% 3T3 Cells - 90% C6 Cells - 100%
<b>Suitable Sample Type</b>	Cell lysates of human, mouse, and rat origin.
<b>Sample Volume</b>	100 uL
Product Application Details	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

**Images**

ELISA: Human, Mouse, Rat AKT1/2 [p Ser473, p Ser474] ELISA Kit (Colorimetric) [NBP2-61397] - AKT ELISA Kit (Colorimetric) [NBP2-61397] - These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.





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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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