

# Product Datasheet

## Alkaline Phosphatase Assay Kit (Colorimetric) KA0817

Unit Size: 1 Kit

Store at -20C.

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**KA0817****Alkaline Phosphatase Assay Kit (Colorimetric)**

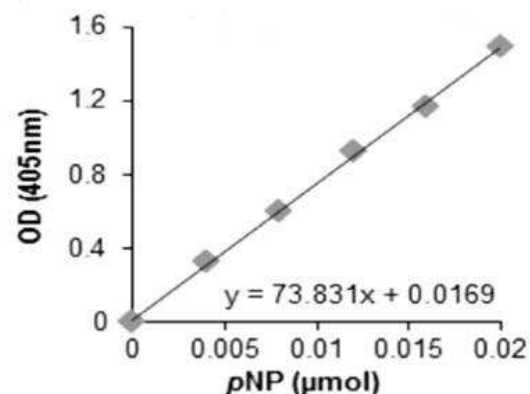
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Store at -20C.

<b>Product Description</b>	
<b>Description</b>	Quality control test: Standard curve Alkaline Phosphatase Assay Kit is used for detecting ALP activity. Contains 10 substrate tablets providing convenience for multiple usages. The kit uses p-nitrophenyl phosphate (pNPP) as a phosphatase substrate which turns yellow (max= 405 nm) when dephosphorylated by ALP. The kit can detect 10-250 uU ALP in samples.
<b>Species</b>	Human, Mouse, Mammal
<b>Specificity/Sensitivity</b>	This kit can detect all forms of alkaline phosphatase (intestinal, placental, germ cell, liver/bone/kidney).
<b>Kit Components</b>	ALP Assay Buffer, pNPP (10 TAB), ALP Enzyme, Stop Solution
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Standard Curve Range</b>	10 to 250 uU
<b>Assay Type</b>	Colorimetric
<b>Suitable Sample Type</b>	Biological Fluid, Cell Lysate, Culture Medium, Plasma, Serum, Tissue Lysate, Urine
<b>Sample Volume</b>	80 uL

<b>Product Application Details</b>	
<b>Applications</b>	Functional, Quantification
<b>Recommended Dilutions</b>	Functional, Quantification

**Images**

Alkaline Phosphatase Assay Kit (Colorimetric) [KA0817] - The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

**Publications**

Manavitehrani I, Fathi A, Wang Y et al. Fabrication of a Biodegradable Implant with Tunable Characteristics for Bone Implant Applications. Biomacromolecules 2017-05-23 [PMID: 28535038]



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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