

# Product Datasheet

## Cathepsin K Assay Kit (Fluorometric) **NBP2-54842**

Unit Size: 100 Assays

Store at -20C.

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**NBP2-54842**

## Cathepsin K Assay Kit (Fluorometric)

**Product Information**

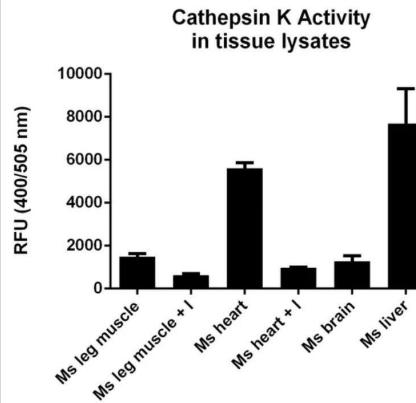
<b>Unit Size</b>	100 Assays
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Store at -20C.

**Product Description**

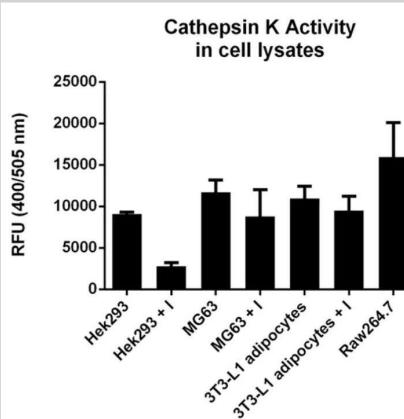
<b>Description</b>	<p>Rapid and convenient fluorometric assay to measure Cathepsin K Activity within 1-2 hrs.</p> <p>Detection method: Fluorescence microscopy, Flow cytometry and fluorescence plate reader (Ex/Em = 400/505 nm)</p> <p>Applications: Detects alternative proteolytic enzymes such as the lysosomal cathepsin proteases that can initiate or propagate proapoptotic signals.</p> <p>This product is manufactured by Abcam and distributed by Novus Biologicals. (Abcam Catalog Number: ab65303)</p>
<b>Gene ID</b>	1513
<b>Gene Symbol</b>	CTSK
<b>Species</b>	Human, Mouse, Rat, Mammal
<b>Kit Components</b>	CK Cell Lysis Buffer, CK Reaction Buffer, CK Substrate Ac-LR-AFC (10 mM), CK Inhibitor (1 mM)
<b>Suitable Sample Type</b>	Cell and tissue lysates

**Images**

Cathepsin K Assay Kit (Fluorometric) [NBP2-54842] - Cathepsin K Activity measured in tissue lysates (each with protein concentration of 4 mg/mL) after 1 hour of incubation with and without inhibitor (I).



Cathepsin K Assay Kit (Fluorometric) [NBP2-54842] - Cathepsin K Activity measured in cell lysates (each with cells concentration of 4e7 cells/mL) after 1 hour of incubation with and without inhibitor (I).





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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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