

Product Datasheet

Chymotrypsin Activity Assay Kit (Fluorometric) NBP2-59744

Unit Size: 100 Assays

Store at -20C in the dark. Avoid freeze-thaw cycles.

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NBP2-59744**Chymotrypsin Activity Assay Kit (Fluorometric)**

Product Information	
Unit Size	100 Assays
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at -20C in the dark. Avoid freeze-thaw cycles.
Product Description	
Description	<p>This kit uses a synthetic fluorogenic substrate, enabling kinetic measurement of chymotrypsin activity in cell and tissue lysates. A chymotrypsin activator cleaves chymotrypsinogen to form active chymotrypsin, which then hydrolyzes the non-fluorescent substrate to release a stable fluorophore (Ex/Em = 380/460 nm). The kit includes a selective chymotrypsin inhibitor that can be used to measure specific chymotrypsin activity in samples containing non-specific proteases and endopeptidases that may also metabolize the substrate. The assay can detect as low as 0.01 mU of Chymotrypsin in various samples.</p> <p>This product is manufactured by Abcam and distributed by Novus Biologicals. (Abcam Catalog Number: ab234051)</p>
Species	Mammal
Kit Components	Chymotrypsin Assay Buffer, Chymotrypsin Substrate, Chymotrypsin Activator, Chymotrypsin Inhibitor, Coumarin Standard (1 mM), Chymotrypsin Positive Control
Suitable Sample Type	Various tissues and cultured cells





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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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