

Product datasheet

Long Wavelength Fluorescent Lipase Assay Kit ab253386

Overview

Product name	Long Wavelength Fluorescent Lipase Assay Kit
Product overview	<p>This kit allows fast and easy measurement of lipase activity in vitro, in cell preparations or in vivo using the long wavelength substrate resorufin oleate.</p> <p>Lipases are a family of enzymes that release fatty acids from triacylglycerols in a site specific manner. Most lipases have optimum activity for the primary ester groups of triglycerides, while some lipases remove fatty acyl groups from either the C-1 or C-3 acyl positions. The substrate is typically not a single molecule, but a nonaqueous phase of aggregated lipid. Lipase activity, ubiquitous among most cells, can be monitored using our long wavelength fluorescent substrate, resorufin oleate contained in the kit. Upon cleavage, the fluorescent compound, resorufin is released and activity measurements are easily obtained either in vitro, in cell preparations, or in vivo. The kit contains enough substrate for numerous assays and control experiments, and also contains reference standards and a detailed protocol for use. See the references below for more information and applications.</p> <p>This kit is sold by Marker Gene under product code M1214.</p>

Notes	<p>Abcam has not and does not intend to apply for the REACH Authorisation of customers' uses of products that contain European Authorisation list (Annex XIV) substances.</p> <p>It is the responsibility of our customers to check the necessity of application of REACH Authorisation, and any other relevant authorisations, for their intended uses.</p>
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Properties

Storage instructions	Please refer to protocols.
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Components	1 units
Cell Lysis Buffer	1 x 10ml
DMSO	1 x 5ml
Reaction Buffer	4 x 3ml

Components	1 units
Reference Standard	1 x 250µl
Substrate Reagent	1 x 2ml

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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