

LipoQ™ Lipid Quantification Assay



Lipid Assay

LipoQ™ Lipid Quantification Assay



A simple, benchtop and sensitive colorimetric assay for the determination of lipid content from a wide variety of sample types

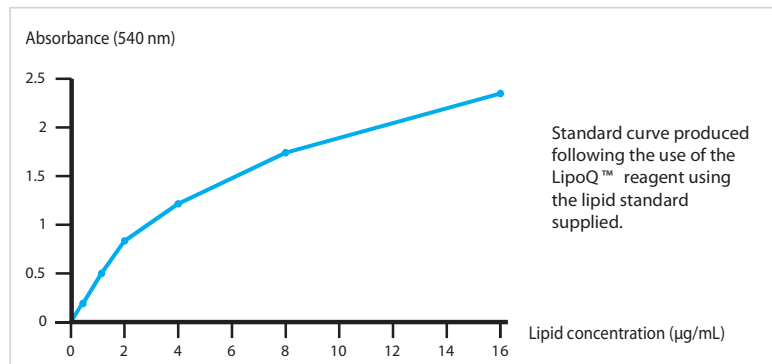
- Versatile
Assay can be used to quantify lipids from a wide variety of sample types.
- Highly Sensitive
Able to detect very low lipid concentrations.
- Easy-to-use
Quick and simple protocol that does not require specialist equipment.

LipoQ™ is based on the sulfo-phospho-vanillin method which results in a colorimetric readout that is amenable to multi-well plate detection.

Assay Principle

Unsaturated fatty acids within a sample react with concentrated sulfuric acid, which in combination with the LipoQ™ reagent forms a pink-colored solution.

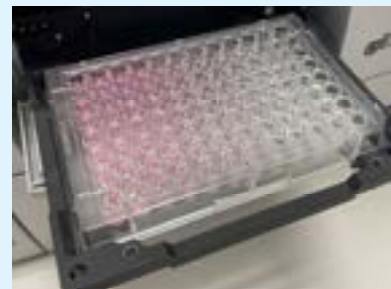
The intensity of the pink color formed is determined by the total lipid concentration within the sample, enabling a reliable colorimetric assay that can be read using a standard plate reader.



LipoQ™ is easy-to-use

The LipoQ™ assay is supplied with enough reagents to perform 100 tests.

- 1 Add the LipoQ™ reagent to samples in a 96-well plate
- 2 Incubate the plate for 1 hour at 37 °C in an incubator
- 3 Measure the absorbance at 540 nm using a microplate reader



Cat code	Product name
LP01-100	LipoQ™ Lipid Quantification Assay, 100 test

© 2013-2024 Cell Guidance Systems. All rights reserved. The trademarks mentioned herein are the property of Cell Guidance Systems or their respective owners.

Cell Guidance Systems' reagents and services enable control, manipulation and monitoring of the cell, both *in vitro* and *in vivo*

Growth Factors

- Conventional (unformulated)
- PODS® - Sustained release

Exosomes

- Exo-spin™ - Purification
- ExoLISA™ - ELISA-like detection
- Instant Exosomes™ - purified and characterized
- NTA Service
- Freeze drying service

PeptiGel®

- Tunable self-assembling peptide hydrogels

Other products and services

- Small Molecules
- Softwell™ - 2D hydrogel (Europe only)
- Orangu™ - Cell counting reagent
- LipoQ™ - Lipid quantification assay
- Primary Hepatocytes

Cytogenetics

- Karyotype Analysis
- Array Hybridization

Scan for LipoQ product page



General info@cellgs.com
Technical Enquiries tech@cellgs.com
Orders and Quotes order@cellgs.com

www.cellgs.com

EUROPE
Cell Guidance Systems Ltd
Maia Building
Babraham Bioscience Campus
Cambridge
CB22 3AT
United Kingdom
T +44 (0) 1223 967316
F +44 (0) 1223 750186

USA
Cell Guidance Systems LLC
Helix Center
1100 Corporate Square Drive
St. Louis
MO 63132
USA
T 760 450 4304
F 314 485 5424