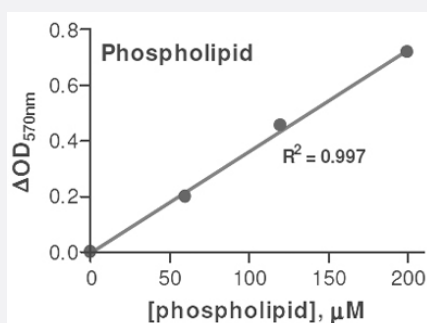


Phospholipid Assay Kit

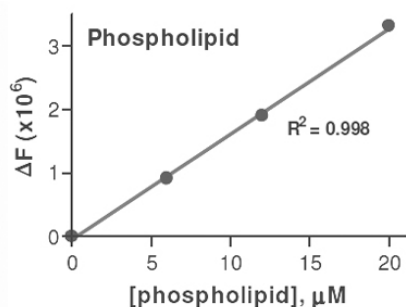
Catalog # KA1635 Size 1 Kit

Applications



96-well colorimetric assay

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.



96-well fluorimetric assay

Specification

Product Description	Phospholipid Assay Kit is a quantitative colorimetric/fluorimetric phospholipid determination.
Suitable Sample	Plasma (no EDTA), Serum
Sample Volume	20 μL
Detection Method	Colorimetric, Fluorometric
Assay Type	Quantitative
Calibration Range	Colorimetric Assay: 3 to 200 μM , Fluorimetric Assay: 0.6 to 20 μM
Regulation Status	For research use only (RUO)

Quality Control Testing**Standard Curve**

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.

Storage Instruction

Store the kit at -20°C.

Applications

- Functional Study

Publication Reference

- [Effect of Omega-3 or Omega-6 Dietary Supplementation on Testicular Steroidogenesis, Adipokine Network, Cytokines, and Oxidative Stress in Adult Male Rats.](#)

Amira Moustafa.

Oxidative Medicine and Cellular Longevity 2021 Jun; 2021:5570331.

Application: Func, Rat, Rat spermatozoa

- [Role of lysine residue of islet amyloid polypeptide in fibril formation, membrane binding, and inhibitor binding.](#)

Meng-Hsin Wu, Ai-Ci Chan, Ling-Hsien Tu.

Biochimie 2020 Aug; 177:153.

Application: Func

- [Changes in lipid biology during ovarian development in farmed beluga sturgeon, Huso huso L.](#)

Sobhan R Akhavan, Bahram Falahatkar, Sally P A McCormick, P Mark Lokman.

American Journal of Physiology. Regulatory, Integrative and Comparative Physiology 2020 Sep; 319(3):R376.

Application: Quant, Fish, Fish plasma

- [Inhibiting Human Calcitonin Fibril Formation with Its Most Relevant Aggregation-Resistant Analog.](#)

Chen YT, Hu KW, Huang BJ, Lai CH, Tu LH.

The Journal of Physical Chemistry. B 2019 Dec; 123(48):10171.

Application: Func, Human, MCF-7 cells, Peptide

- [Comparative study on the independent and combined effects of omega-3 and vitamin B12 on phospholipids and phospholipase A2 as phospholipid hydrolyzing enzymes in PPA-treated rats as a model for autistic traits.](#)

Alfawaz H, Bhat RS, Al-Mutairi M, Alnakhl OM, Al-Dbass A, AlOnazi M, Al-Mrshoud M, Hasan IH, El-Ansary A.

Lipids in Health and Disease 2018 Aug; 17(1):205.

Application: Quant, Rat, Rat brains

- [Regulated efflux of photoreceptor outer segment-derived cholesterol by human RPE cells.](#)

Storti F, Raphael G, Griesser V, Klee K, Drawnel F, Willburger C, Scholz R, Langmann T, von Eckardstein A, Fingerle J, Grimm C, Maugeais C.

Experimental Eye Research 2017 Sep; 165:65.

Application: Quant, Pig, Pig retinas

- [Metabolic engineering of *Saccharomyces cerevisiae* for production of fatty acid short- and branched-chain alkyl esters biodiesel.](#)

Teo WS, Ling H, Yu AQ, Chang MW.

Biotechnology for Biofuels 2015 Nov; 8:177.

Application: Func, Yeast, Yeast cells

- [Metabolic engineering of *Saccharomyces cerevisiae* to improve 1-hexadecanol production.](#)

Feng X, Lian J, Zhao H.

Metabolic Engineering 2015 Jan; 27:10.

Application: Func, Yeast, BY4741 strains

- [A closed-loop synthetic gene circuit for the treatment of diet-induced obesity in mice.](#)

Rossger K, Charpin-El-Hamri G, Fussenegger M.

Nature Communications 2013 Nov; 4:2825.

Application: Func, Mouse, Serum