

Phosphatidylcholine (PC) Assay Kit | PC assay kit

Phosphatidylcholine (PC) Colorimetric Assay Kit

CATALOG #
AAA179703

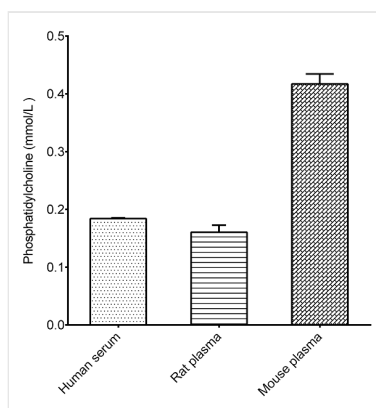
PRODUCT SYNONYMS

Phosphatidylcholine (PC); Phosphatidylcholine (PC) Colorimetric Assay Kit; PC assay kit

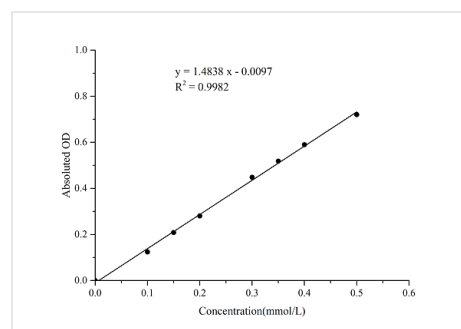
PRODUCT SPECIFICATIONS

Detection Type	Colorimetric
Result Type	Quantitative
Samples	Serum, Plasma, Animal and plant tissue, Cell
Detection Range	0.003-0.500mmol/L
Sensitivity	0.003mmol/L
Precision	Intra-assay CV: 2.0-2.1% Inter-assay CV: 2.7-9.9%
Detection Instrument	Microplate reader
Preparation and Storage	This product can be stored at -20 degree C for 12 months with shading light.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for PC assay kit	Phosphatidylcholine (PC) is an important component of eukaryotic cell membranes and a major source of second messenger diacylglycerol, phosphatidic acid, lysophosphatidic acid, and arachidonic acid, which can be further metabolized into other signaling molecules. It is widely found in a variety of foods, especially egg yolks, soy, fish, meat, and some seeds, and it can also be consumed through dietary supplements. PC provides structural stability and fluidity of cell membranes. In the liver, PC is involved in lipid synthesis and transport, helping to maintain lipid balance. As an important component of bile, PC promotes the digestion and absorption of lipid. PC supplements are used to intervene and treat liver diseases such as fatty liver disease and cirrhosis, and are used by athletes to improve physical fitness and endurance. Therefore, the detection of PC has important application value in medical identification, disease management and health evaluation. The detection principle of this kit: Enzyme catalyze the PC and chromogenic agent to produce, with maximum absorption at 550nm, and the content of PC in the sample can be calculated by measuring the OD value at 550nm.
Product Categories/Family for PC assay kit	Metabolism assay; Cell Metabolism Assays; Glycolysis and Lipid Metabolism

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/assay-kits/phosphatidylcholine-pc/179703>