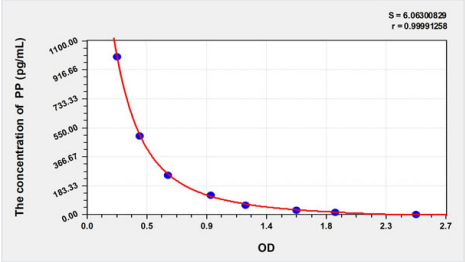
Pp (Dipalmitin) (PP) ELISA Kit for General

PRODUCT OVERVIEW

Product Name	PP (Dipalmitin), ELISA Kit
Full Product Name	General PP (Dipalmitin) ELISA Kit
Product Gene Name	PP elisa kit
Product Synonym Names	1,3-Dipalmitin; 1,3-Di-(Hexadecanoyl)-Glycerol; 1,3-Dipalmitoylglycerol; 1,3-Dipalmitoyl-Glycerol, Glyceryl 1,3-Dipalmitate
Species Reactivity	General
Assay Type	Competitive
Detection Range	15.63-1000 pg/mL
Sensitivity	4.94 pg/mL
Specificity	This assay has high sensitivity and excellent specificity for detection of General PP. No significant cross-reactivity or interference between General PP and analogues was observed.
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.
Inter-assay Precision	Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Product Categories/Family for PP elisa kit	Enzyme & Kinase
Related Product Information for PP elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Dipalmitin(PP) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dipalmitin(PP). Next,Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Dipalmitin(PP) in the samples is then determined by comparing the OD of the samples to the standard curve.
Other Notes	Small volumes of PP elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PP purchase	MBS8807198 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the PP (Dipalmitin) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing PP. The ELISA analytical biochemical technique of the MBS8807198 kit is based on PP antibody-PP antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect PP antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, PP. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).



Typical Testing Data/Standard Curve (for reference only) of PP elisa kit

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/general-elisa-kits/pp-dipalmitin/8807198