

Swine Dipalmitin (PP) ELISA Kit-Competitive

Cat. No.: EK1F714

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Swine Dipalmitin (PP) ELISA Kit-Competitive is designed for the quantitative determination of Swine Dipalmitin (PP) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Swine PP.
Target Species	Swine
Species Reactivity	Swine
Detection Range	15.63-1000 pg/mL
Sensitivity	4.94 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 120 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

1,3-Dipalmitin is a 1,3-diglyceride obtained by the formal acylation of positions 1 and 3 of glycerol by hexadecanoic (palmitic) acid. It is a white solid with a melting point of 72-74°C. It has a melting point of 72-74°C, and the boiling point predicted to be approximately 628.6°C. 1,3-Dipalmitin is used as an acyl acceptor for the unspecific bifunctional wax ester synthase/acyl-CoA:Diacylglycerol acyltransferase. It is also found in edible oils as a glycidol fatty acid ester.

Target/Biomarker	Swine PP
Target Synonym	1,3-Dipalmitin; 1,3-Di-(Hexadecanoyl)-Glycerol; 1,3-Dipalmitoylglycerol; 1,3-Dipalmitoyl-Glycerol, Glyceryl 1,3-Dipalmitate

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.