



## Mouse apolipoprotein C-III (Apo-CIII) DIY ELISA kit (0.312-20 ng/mL, 0.127 ng/mL)

<b>Cat. No.:</b>	OB0625WXX-130
<b>Assay Type:</b>	Quantitative sandwich ELISA
<b>Target Species:</b>	Mouse
<b>Assay Target:</b>	Apo-CIII
<b>Size:</b>	96T

This product is for research use only and is not intended for diagnostic use.

### Product Overview

<b>Description</b>	Mouse apolipoprotein C-III (Apo-CIII) DIY ELISA kit (0.312-20 ng/mL, 0.127 ng/mL) is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of Apo-CIII in mouse with a range of 0.312-20 ng/mL and a specificity of 0.127 ng/mL.
<b>Assay Principle</b>	The kit is based on Apo-CIII antibody-Apo-CIII antigen interaction (immunosorbent) and an HRP colorimetric detection system to detect Apo-CIII antigen targets in samples.
<b>Background</b>	Apolipoprotein C-III is secreted by the liver and small intestine. It is a very low-density lipoprotein (VLDL) protein that inhibits lipoprotein lipase and hepatic lipase. Studies have found that it plays a key role in the metabolism of triacylglyceride-rich lipoproteins (TRLs).
<b>Synonyms</b>	ApoC-III ; ApoCIII; Apo C-III; Apo C III; Apolipoprotein CIII; APOC3
<b>Formula Weight</b>	10,852 Da
<b>Applications</b>	Mouse apolipoprotein C-III (Apo-CIII) DIY ELISA kit (0.312-20 ng/mL, 0.127 ng/mL) is used to quantify Apo-CIII in serum, plasma, tissue homogenates, cell lysates, cell culture supernates, and other biological fluid samples of mouse, providing data to support a wide range of studies.
<b>Research Area</b>	Lipid metabolism; Fatty acid biosynthesis; Obesity research

### Specification



<b>Sample Type</b>	Serum; Plasma; Tissue homogenates; Cell lysates; Cell culture supernates; Other biological fluids
<b>Kit Components</b>	Capture Antibody, Detection Antibody, Standard, Streptavidin-HRP, TMB Substrate, 96-well Plate
<b>Detection Range</b>	0.312-20 ng/mL
<b>Sensitivity</b>	0.127 ng/mL
<b>Cross-reactivity</b>	No significant cross-reactivity or interference was observed.
<b>Stability</b>	12 months
<b>Storage</b>	Store at -20°C (antibodies, standard, streptavidin-HRP) and 4°C (other reagents) .