LDL Monoclonal Antibody(Capture)

catalog number: AN001900P

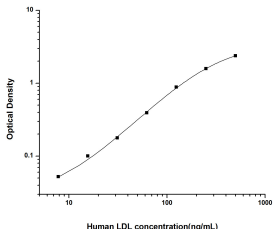
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Human LDL Native Protein
Host	Mouse
Isotype	Mouse IgG2b
Clone	6E2
Purification	Protein A/G Purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications	Recommended Dilution
ELISA Capture	2-8 μg/mL

Data



Sandwich ELISA-Human LDL Native Protein standard curve.Background subtracted standard curve using LDL antibody(AN001900P)(Capture),LDL antibody(AN001910P)(Detector) in sandwich ELISA.The reference range value for Native Protein is 7.81-500 ng/mL.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

The low density lipoprotein (LDL) receptor system coordinates the metabolism of cholesterol,an essential component of the plasma membrane of all mammalian cells. Study of this system has led to an enhanced understanding of the cellular basis of cholesterol homeostasis. It has also brought into focus an important mechanism of metabolic regulation--the process of receptor-mediated endocytosis. Data suggest that the juxtamembranous region of the cytoplasmic domain participates in protein:protein interactions that allow the low density lipoprotein receptor to cluster in coated pits. It has been shown that the family of LDL receptors may serve as viral receptors.

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