

Mouse GDF15 Antibody Pair Set

Catalog No.	E-KAB-0592	Applications	ELISA
Synonyms	GDF-15;MIC-1;MIC1;NAG-1;PDF;PLAB;PTGFB;TGF-PL		

Kit components & Storage

Title	Specifications	Storage
Mouse GDF15 Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Mouse GDF15 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze/thaw cycles.

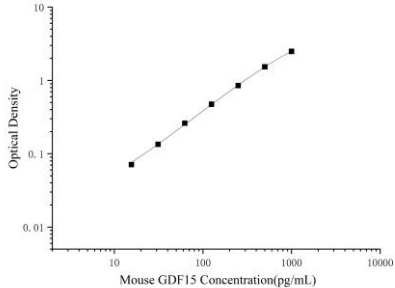
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0592)	
		Mouse GDF15 Capture Antibody	Mouse GDF15 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse GDF15 protien	Recombinant Mouse GDF15 protien
	Swissprot	Q9Z0J7	
Product details	Reactivity	Mouse	Mouse
	Host	Sheep	Sheep
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Mouse GDF15 in ELISAs.	

Applications

Mouse GDF15 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 µg/mL	Mouse GDF15 Capture Antibody	
ELISA Detection	1:1000-1:10000	Mouse GDF15 Detection Antibody (Biotin)	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

The protein encoded by this gene belongs to the transforming growth factor-beta (TGF-beta) family. The protein is expressed in a broad range of cell types, acts as a pleiotropic cytokine and is involved in the stress response program of cells after cellular injury. Increased protein levels are associated with disease states such as tissue hypoxia, inflammation, acute injury and oxidative stress.