Human GLα Antibody Pair Set

Catalog No. E-KAB-0257 **Applications** ELISA
Synonyms GLA, GALA, galactosidase alpha

Kit components & Storage

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

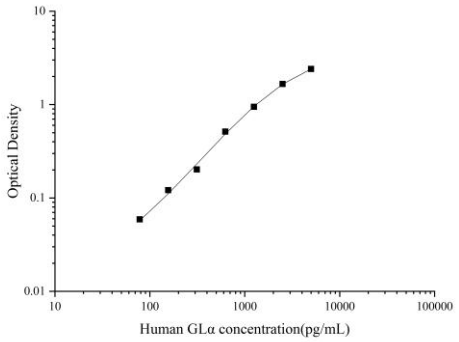
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0257)	
		Human GLα Capture Antibody	Human GLα Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human GLα protein	Recombinant Human GLα protein
	Swissprot	P06280	
Product details	Reactivity	Human	Human
	Host	Sheep	Sheep
	Conjugation	Unconjugated	Biotin
	Concentration	0.5mg/mL	/
	Buffer	PBS with 0.04% Proclin 300, 50% glycerol, pH 7.4	PBS with 0.04% Proclin 300, 1% protective protein, 50% glycerol, pH 7.4
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Human GLα in ELISAs.	

Applications

Human GLα Sandwich ELISA Assay:

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

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

Background

GLA,also named as Melibiase,Agalsidase and Alpha-galactosidase A,belongs to the glycosyl hydrolase 27 family. It hydrolyzes terminal,non-reducing alpha-D-galactose residues in alpha-D-galactosides,including galactose oligosaccharides,galactomannans and galactolipids. Fabry disease is an X-linked lysosomal storage disorder resulting from the deficient activity of GLA. Enzyme replacement therapy (ERT) with GLA is currently the most effective therapeutic strategy for patients with Fabry disease,a lysosomal storage disease.