

Human LTF Antibody Pair SetSet

Catalog No.	E-KAB-0175	Applications	ELISA
Synonyms	LTF, GIG12, HLF2, LF, Lactotransferrin		

Kit components & Storage

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

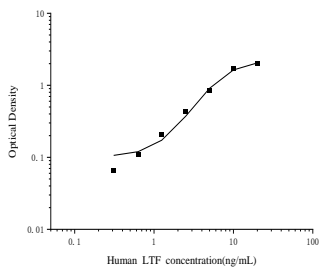
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0175)	
		Human LTF Capture Antibody	Human LTF Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human LTF protein	Recombinant Human LTF protein
	Swissprot	P02788	
Product details	Reactivity	Human	Human
	Host	Rabbit	Rabbit
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/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 LTF in ELISAs.	

Applications

Human LTF Sandwich ELISA Assay:

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

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

Background

This gene is a member of the transferrin family of genes and its protein product is found in the secondary granules of neutrophils. The protein is a major iron-binding protein in milk and body secretions with an antimicrobial activity, making it an important component of the non-specific immune system. The protein demonstrates a broad spectrum of properties, including regulation of iron homeostasis, host defense against a broad range of microbial infections, anti-inflammatory activity, regulation of cellular growth and differentiation and protection against cancer development and metastasis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.