

Human sTREM-1 Antibody Pair Set

Catalog No. E-KAB-0255 **Applications** ELISA
Synonyms TREM1, CD354, TREM-1, triggering receptor expressed on myeloid cells 1

Kit components & Storage

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

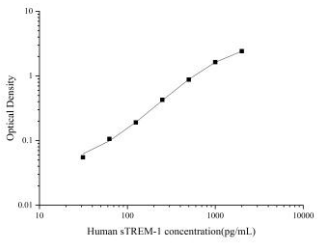
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0255)	
		Human sTREM-1 Capture Antibody	Human sTREM-1 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human sTREM-1 protein	Recombinant Human sTREM-1 protein
	Swissprot	Q9NP99	
Product details	Reactivity	Human	Human
	Host	Goat	Goat
	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 sTREM-1 in ELISAs.	

Applications

Human sTREM-1 Sandwich ELISA Assay:

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

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

Background

This gene encodes a receptor belonging to the Ig superfamily that is expressed on myeloid cells. This protein amplifies neutrophil and monocyte-mediated inflammatory responses triggered by bacterial and fungal infections by stimulating release of pro-inflammatory chemokines and cytokines, as well as increased surface expression of cell activation markers. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.