

Mouse TF Antibody Pair Set

Catalog No.	E-KAB-0576	Applications	ELISA
Synonyms	F3;CD142;TF;TFA;coagulation factor III;tissue factor		

Kit components & Storage

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

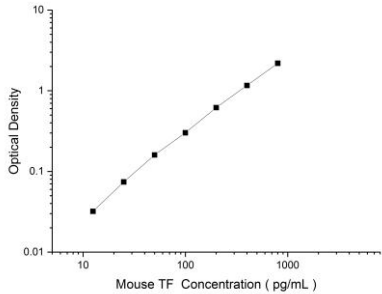
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0576)	
		Mouse TF Capture Antibody	Mouse TF Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse TF protien	Recombinant Mouse TF protien
	Swissprot	P20352	
Product details	Reactivity	Mouse	Mouse
	Host	Goat	Goat
	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 TF in ELISAs.	

Applications

Mouse TF Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																
ELISA Capture	0.5-4 µg/mL	Mouse TF Capture Antibody	 <p>The graph is a log-log plot. The x-axis is labeled 'Mouse TF Concentration (pg/mL)' and ranges from 10 to 1000. The y-axis is labeled 'Optical Density' and ranges from 0.01 to 10. The data points form a straight line, indicating a linear relationship between the concentration of Mouse TF and the optical density.</p> <table border="1"> <caption>Approximate data points from the standard curve</caption> <thead> <tr> <th>Mouse TF Concentration (pg/mL)</th> <th>Optical Density</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>0.03</td> </tr> <tr> <td>20</td> <td>0.06</td> </tr> <tr> <td>50</td> <td>0.15</td> </tr> <tr> <td>100</td> <td>0.3</td> </tr> <tr> <td>200</td> <td>0.6</td> </tr> <tr> <td>500</td> <td>1.5</td> </tr> <tr> <td>1000</td> <td>3.0</td> </tr> </tbody> </table>	Mouse TF Concentration (pg/mL)	Optical Density	10	0.03	20	0.06	50	0.15	100	0.3	200	0.6	500	1.5	1000	3.0
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ELISA Detection	1:1000-1:10000	Mouse TF Detection Antibody (Biotin)																	

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

Background

Initiates blood coagulation by forming a complex with circulating factor VII or VIIa. The [TF:VIIa] complex activates factors IX or X by specific limited proteolysis. TF plays a role in normal hemostasis by initiating the cell-surface assembly and propagation of the coagulation protease cascade.