



A Reliable Research Partner in Life Science and Medicine

Rat PTX-3/TSG-14 Antibody Pair Set

Catalog No.E-KAB-0645ApplicationsELISASynonymsPTX3;TNFAIP5;TSG-14;Pentraxin 3;long;TNF-inducible gene 14 protein

Kit components & Storage

Title	Specifications	Storage
Rat PTX-3/TSG-14 Capture Antibody	1 vial, 100 μ g	Store at -20°C for one year. Avoid
		freeze/thaw cycles.
Rat PTX-3/TSG-14 Detection Antibody	1 vial, 50 μL	Store at -20°C for one year. Avoid
(Biotin)		freeze/thaw cycles.

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

Product Information

Items		Characteristic (E-KAB-0645)	
		Rat PTX-3/TSG-14 Capture	Rat PTX-3/TSG-14 Detection
		Antibody	Antibody (Biotin)
Immunogen	Immunogen	Recombinant Rat PTX-3/TSG-14	Recombinant Rat PTX-3/TSG-14
Information		protien	protien
	Swissprot	D3ZT94	
Product details	Reactivity	Rat	Rat
	Host	Rabbit	Rabbit
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50%	PBS with 0.04% Proclin 300; 1%
		glycerol; pH 7.5	protective protein; 50% glycerol; pH
			7.5
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Rat PTX-3/TSG-14 in ELISAs.	

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017 Web: www.elabscience.com Email: techsupport@elabscience.com



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Applications

Rat PTX-3/TSG-14 Sandwich ELISA Assay

	Recommended	Reagent	Images
	Concentration/Dilution		
ELISA	0.5-4 μg/mL	Rat PTX-3/TSG-14 Capture	
Capture		Antibody	10
			Optical Density
ELISA	1:1000-1:10000	Rat PTX-3/TSG-14 Detection	Optica
Detection		Antibody (Biotin)	/
			0.1 1 10 100 Rat PTX-3/TSG-14 Concentration(ng/mL)

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

Background

Ptx3 , also known as tumor necrosis factor-stimulated gene sequence-14 (TSG14) , is a secreted pattern-recognition receptor that has a non-redundant role in resistance to selected microbial agents. Ptx3 belongs to the family of "long pentraxins" , which have C-terminal pentraxin domains and novel amino-terminal domains. Ptx3 binds selected pathogens , including Aspergillus fumigatus , Pseudomonas aeruginosa and Salmonella typhimurium. It is synthesized in IgA glomerulonephritis and activates mesangial cells.

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