# Human TNFRSF1A Antibody Pair Set

**Catalog No.** E-KAB-0216 **Applications** ELISA

**Synonyms** TNF-R, TNF-R-I, TNF-R55, TNFAR, TNFR1, TNFR1-d2, TNFR55, TNFR60, p55, p55-R, p60, CD120a, FPF, MS5, TBP1

## Kit components & Storage

| Title | Specifications | Storage |
|---|---|---|
| Human TNFRSF1A Capture Antibody | 1 vial, 100 μ g | Store at -20℃ for one year. Avoid freeze / thaw cycles. |
| Human TNFRSF1A 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

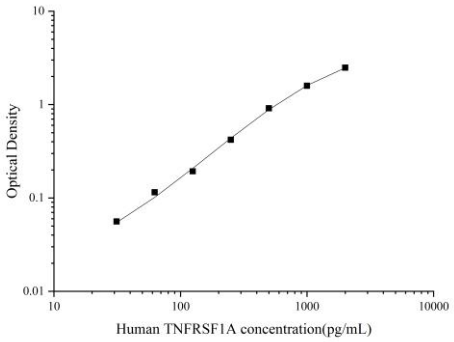
| Items | | Characteristic (E-KAB-0216) | |
|---|---|---|---|
| | | Human TNFRSF1A Capture Antibody | Human TNFRSF1A Detection Antibody (Biotin) |
| Immunogen Information | Immunogen | Recombinant Human TNFRSF1A protein | Recombinant Human TNFRSF1A protein |
| | Swissprot | P19438 | |
| Product details | Reactivity | Human | Human |
| | Host | Mouse | Goat |
| | 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 | Protein A or G | Antigen Affinity |
| | Specificity | Detects Human TNFRSF1A in ELISAs. | |



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

## Applications

Human TNFRSF1A Sandwich ELISA Assay:

| | Recommended Concentration/Dilution | Reagent | Images |
|---|---|---|---|
| ELISA Capture | 0.5-4μg/mL | Human TNFRSF1A Capture Antibody |  |
| ELISA Detection | 1:1000-1:10000 | Human TNFRSF1A Detection Antibody (Biotin) | |



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

## Background

Tumor necrosis factor (TNF) is a multifunctional cytokine that plays a key role in regulating inflammation,immune functions,host defense,and apoptosis . TNF exists in soluble and membrane-bound forms. TNF signals through two distinct cell surface receptors,TNFR1 (TNFRSF1A,CD120a) and TNFR2 (TNFRSF1B,CD120b). Whereas TNFR1 is widely expressed,expression of TNFR2 is limited to cells of the immune system,endothelial cells,and nerve cells . TNFR1,which contains a death domain (DD) within its intracytoplasmic region,is thought to be the key receptor for TNF signaling . This receptor can activate NF-kappaB,mediate apoptosis,and function as a regulator of inflammation. Antiapoptotic protein BCL2-associated athanogene 4 (BAG4/SODD) and adaptor proteins TRADD and TRAF2 have been shown to interact with this receptor,and thus play regulatory roles in the signal transduction mediated by the receptor.



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