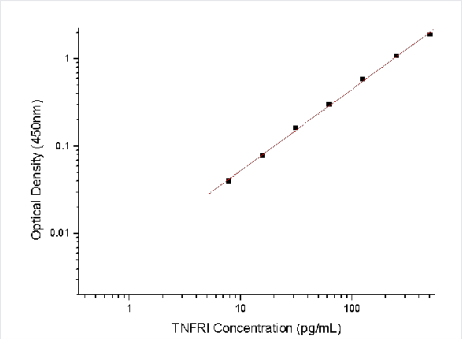
TNFRSF1A ELISA Pair

PRODUCT OVERVIEW

Product Name	TNFRSF1A, ELISA Pair
Full Product Name	TNFRSF1A Matched ELISA Antibody Pair Set, Human
Product Gene Name	TNFRSF1A elisa pair
Product Synonym Names	Human TNFR1/CD120a/TNFRSF1A ELISA Pair Set; tumor necrosis factor receptor superfamily member 1A; CD120a Matched ELISA Antibody Pair Set, Human; FPF Matched ELISA Antibody Pair Set, Human; MS5 Matched ELISA Antibody Pair Set, Human; p55 Matched ELISA Antibody Pair Set, Human; p55-R Matched ELISA Antibody Pair Set, Human; p60 Matched ELISA Antibody Pair Set, Human; TBP1 Matched ELISA Antibody Pair Set, Human; TNF-R Matched ELISA Antibody Pair Set, Human; TNF-R-I Matched ELISA Antibody Pair Set, Human; TNF-R55 Matched ELISA Antibody Pair Set, Human; TNFAR Matched ELISA Antibody Pair Set, Human; TNFR1 Matched ELISA Antibody Pair Set, Human; TNFR1-d2 Matched ELISA Antibody Pair Set, Human; TNFR55 Matched ELISA Antibody Pair Set, Human; TNFR60 Matched ELISA Antibody Pair Set, Human
Assay Type	Solid Phase Sandwich ELISA
Detection Range	7.81-500pg/mL
Sensitivity	7.81pg/ml
Specificity	Quantitative determination of Human TNFRSF1A
Preparation and Storage	Capture Antibody: Aliquot and store at -20 degree C to -80 degree C for up to 6 months from date of receipt. Avoid repeated freeze-thaw cycles. Detection Antibody: Protect it from prolonged exposure to light. Aliquot and store at -20 degree C to -80 degree C and for up to 6 months from date of receipt. Avoid repeated freeze-thaw cycles. Standard: Store lyophilized standard at -20 degree C to -80 degree C for up to 6 months from date of receipt. Aliquot and store the reconstituted Standard at -80 degree C for up to 1 month. Avoid repeated freeze-thaw cycles.
Materials Provided	1. Capture Antibody 0.5 mg/mL of mouse anti-TNFRI/CD120a monoclonal antibody. Dilute to a working concentration of 2.0ug/mL in CBS before coating. 2. Detection Antibody 0.5 mg/mL mouse anti-TNFRI/CD120a monoclonal antibody conjugated to horseradish-peroxidase (HRP). Dilute to a working concentration of 1.0ug/mL in detection antibody dilution buffer before use. 3. Standard Each vial contains 60 ng of recombinant anti-TNFRI/CD120a. Reconstitute with 1 mL detection antibody dilution buffer. After reconstitution, store at -20 degree C to -80 degree C in a manual defrost freezer. A seven-point standard curve using 2-fold serial dilutions in sample dilution buffer, and a high standard of 500 pg/mL is recommended
Product Categories/Family for TNFRSF1A elisa pair	Neuroinflammation; Death Receptor Signaling
Related Product Information for TNFRSF1A elisa pair	The cluster of differentiation (CD) system is commonly used as cell markers in Immunophenotyping. Different kinds of cells in the immune system can be identified through the surface CD molecules which associating with the immune function of the cell. There are more than 320 CD unique clusters and subclusters have been identified. Some of the CD molecules serve as receptors or ligands important to the cell through initiating a signal cascade which then alter the behavior of the cell. Some CD proteins do not take part in cell signal process but have other functions such as cell adhesion. CD120a (cluste of differentiation 120a), also known as TNFR1/TNFRSF1A, is a member of CD family, tumor necrosis factor receptor superfamily. CD120a is one of the most primary receptors for the tumor necrosis factor-alpha. It has been shown to be localized to both plasma membrane lipid rafts and the trans golgi complex with the help of the death domain (DD). CD120a can activate the transcription factor NF-kappaB, mediate apoptosis, and regulate inflammation processes. This TNFRSF1A Matched ELISA Antibody Pair Set, Human is a solid phase sandwich ELISA for quantitative determination of Human TNFRSF1A. It contains Human TNFRSF1A capture antibody, Human TNFRSF1A detector antibody (HRP) and a highly purified HEK293-expressed recombinant Human TNFRSF1A protein.

Product References and Citations for TNFRSF1A elisa pair	Zola H, et al. (2007) CD molecules 2006-human cell differentiation molecules. J Immunol Methods. 318 (1-2): 1-5.Ho IC, et al. (2009) GATA3 and the T-cell lineage: essential functions before and after T-helper-2-cell differentiation. Nat Rev Immunol. 9 (2): 125-35.Matesanz-Isabel J, et al. (2011) New B-cell CD molecules. Immunology Letters.134 (2): 104-12.Cottin V, et al. (2002) Restricted localization of the TNF receptor CD120a to lipid rafts: a novel role for the death domain. The journal of immunology. 168: 4095-102.
Other Notes	Small volumes of TNFRSF1A elisa pair vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TNFRSF1A purchase	MBS8118314 is an ELISA pair targeting TNFRSF1A. Also known as TNFRSF1A Matched ELISA Antibody Pair Set, Human.



Testing Data of TNFRSF1A elisa pair

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TNFRSF1A. It may not necessarily be applicable to this product.

Protein Family	Tumor necrosis factor receptor superfamily
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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