

Datasheet for ABIN6719786

**Soluble Tumor Necrosis Factor Receptor Type 2 (sTNF-R2)
ELISA Kit**[Go to Product page](#)**1** Image

Overview

Quantity:	1 kit
Target:	Soluble Tumor Necrosis Factor Receptor Type 2 (sTNF-R2)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	7.8 pg/mL - 500 pg/mL
Minimum Detection Limit:	7.8 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin - citrate), Serum, Urine
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: CD120b, Etanercept, p75, p80 TNF alpha receptor, TBP2, TBPII, TNF R2, TNFBR, TNFR-II, TNFR2, TNFRII, Tumor necrosis factor binding protein 2, Tumor necrosis factor receptor 2, Tumor necrosis factor receptor superfamily member 1B, Tumor necrosis factor receptor superfamily member 1b, membrane form, Tumor necrosis factor receptor type II</p> <p>Background: Tumor necrosis factor receptor p75(TNF-R p75, or TNF-R2) is a 75- kDa type I transmembrane protein expressed predominantly on cells of hematopoietic lineage. TNF-R p75 belongs to the TNF receptor superfamily characterized by cysteine-rich extracellular regions composed of three to six disulfide-linked domains. The tumor necrosis factor receptor</p>

Product Details

II(TNFRII) gene localizes to 1p36. 2, a genomic region characteristically deleted in neuroblastomas and other malignancies. In addition, TNFRII is the principal mediator of the effects of TNF on cellular immunity, and it may cooperate with TNFRI in the killing of nonlymphoid cells. The standard product used in this kit is recombinant human sTNFRII, consisting of 24-206 amino acid sequence with the molecular mass of 20KDa.

Gene Name: TNFRSF1B

Production: Natural and recombinant human sTNFsRII. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: L23-D257

Target Details

Target:	Soluble Tumor Necrosis Factor Receptor Type 2 (sTNF-R2)
Alternative Name:	sTNFsR II (sTNF-R2 Products)
Gene ID:	7133
NCBI Accession:	NP_001057
UniProt:	P20333

Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.3pg/mL, 15.6pg/mL, 7.8pg/mL human sTNFsRII standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, serum, plasma(heparin, EDTA, citrate) or urine to each empty well. We recommend that each human sTNFsRII standard solution and each sample is measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 7.8pg/mL-500pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	RT,4 °C,-20 °C
Storage Comment:	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.

Images

