

Human T4 ELISA Kit | T4 elisa kit

T4 (Free) ELISA

CATALOG # AAA72608	REACTIVITY Human
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PRODUCT SYNONYMS

T4; T4 (Free) ELISA; T4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	525
Samples	Human Serum, Plasma, Body Fluids, Tissue Homogenate Or Cell Culture Supernates
Assay Type	Sandwich
Detection Range	156 pg/ml-10,000 pg/ml
Sensitivity	<50 pg/ml
Preparation and Storage	2 - 8 degree C

ADDITIONAL INFORMATION

Related Product Information for T4 elisa kit	Intended Uses: The Fractalkine ELISA has been designed for the precise measurement of Fractalkine in human serum, plasma, body fluids, tissue homogenate or cell culture supernates. For research use only. Principle of the Assay: This kit is based on a sandwich enzyme-linked immune-sorbent assay technology. An analyte-specific polyclonal antibody is pre-coated onto 96-well plates. The biotin conjugated second antibody is used as detection antibody. During the first incubation the standards and samples react with the analyte-specific pre-coated antibody. In a second incubation the biotin conjugated detection antibody completes the sandwich. After washing with wash buffer the TMB substrate is added to visualize HRP enzymatic reaction. TMB is catalyzed by HRP to produce a blue color product that changes into yellow after adding acidic stop solution. The optical density of the yellow color is proportional to the analyte captured in plate. Read the O.D. absorbance at 450nm in a microtiterplate reader, and calculate the concentration of the analyte in the sample by taking into consideration the dilution factor of the sample!!Background/Introduction: Chemokine (C-X3-C motif) ligand 1 (CX3CL1), also known as fractalkine (in humans) and neurotactin (in mice), is a large cytokine protein of 373 amino acids, it contains multiple domains and is the only known member of the CX3C chemokine family. Its gene is located on human chromosome 16 along with some CC chemokines known as CCL17 and CCL22. CX3CL1 is produced as a long protein (with 373-amino acid in humans) with an extended mucin-like stalk and a chemokine domain on top. The mucin-like stalk permits it to bind to the surface of certain cells. However a soluble (90 kD) version of this chemokine has also been observed. CX3CL1 elicits its adhesive and migratory functions by interacting with the chemokine receptor CX3CR1.
Product Categories/Family for T4 elisa kit	Endocrinology ; Hormones ; Research Assays ; Assay Categories

NCBI AND UNIPROT INFORMATION

NCBI GI #	14250971
NCBI GeneID	921118
NCBI Accession #	NP_116333.1

NCBI GenBank Nucleotide #	NC_002794.1
Molecular Weight	59,986 Da
NCBI Official Full Name	T4
NCBI Official Symbol	THVgp004
NCBI Protein Information	T4
UniProt Protein Name	T4
UniProt Entry Name	Q91TV9_TUHV1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/t4/72608>