

Human Tuftelin (TUFT1) ELISA Kit | TUFT1 elisa kit

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CATALOG # AAA56055	REACTIVITY Human
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PRODUCT SYNONYMS

Tuftelin (TUFT1); Human Tuftelin (TUFT1) ELISA Kit; TUFT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human TUFT1. No significant cross-reactivity or interference between Human TUFT1 and analogues was observed.
Sequence Length	365
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/mL - 10 ng/mL
Sensitivity	0.078 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for TUFT1 elisa kit	Intended Uses: For the quantitative detection of Human Tuftelin (TUFT1) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate TUFT1 in Human serum, plasma. An antibody specific for TUFT1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TUFT1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TUFT1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TUFT1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	187607364
NCBI GeneID	7286
NCBI Accession #	NP_001119809.1
NCBI GenBank Nucleotide #	NM_001126337.1
UniProt Accession #	Q9NNX1; Q5T384; Q5T385; Q9BU28; Q9H5L1; B2RD57; D3DV21; D3DV22

Molecular Weight	37,929 Da
NCBI Official Full Name	tuftelin isoform 2
NCBI Official Synonym Full Names	tuftelin 1
NCBI Official Symbol	TUFT1
NCBI Protein Information	tuftelin
UniProt Protein Name	Tuftelin
UniProt Gene Name	TUFT1

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/tuftelin-tuft1/56055>