

Human WIF1 ELISA Kit | WIF1 elisa kit

Human WIF1 PicoKine ELISA Kit

CATALOG #
AAA46695

REACTIVITY
Human

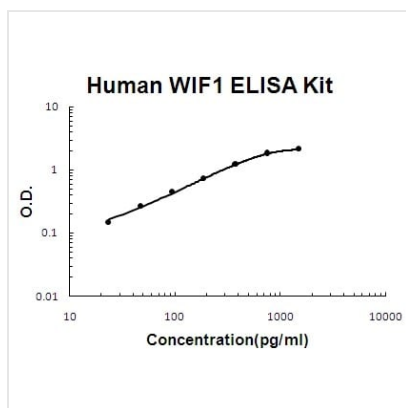
PRODUCT SYNONYMS

WIF1; Human WIF1 PicoKine ELISA Kit; WIF-1; Wnt inhibitory factor 1; Q9Y5W5; WNT inhibitory factor 1; WIF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human WIF1
Sequence Length	379
Samples	Cell culture supernates, serum and plasma(heparin, EDTA).
Assay Type	Sandwich
Detection Range	23.4pg/ml-1500pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice).

IMAGES



Standard Curve (Sample)

Human WIF1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for WIF1 elisa kit	Principle of the Assay: Human WIF1 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for WIF1 has been precoated onto 96-well plates. Standards(Expression system for standard: NSO; Immunogen sequence: G29-W379) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for WIF1 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin- Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human WIF1 amount of sample captured in plate. Background/Introduction: Wnt inhibitory factor 1 is a protein that in humans is encoded by the WIF1 gene. The protein encoded by this gene functions to inhibit WNT proteins, which are extracellular signaling molecules that play a role in embryonic development. Additionally, this protein contains a WNT inhibitory factor (WIF) domain and five epidermal growth factor (EGF)-like domains, and is thought to be involved in mesoderm segmentation. This gene functions as a tumor suppressor gene, and has been found to be epigenetically silenced in various cancers.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	111125011
NCBI GeneID	11197
NCBI Accession #	NP_009122.2
NCBI GenBank Nucleotide #	NM_007191.4
UniProt Accession #	Q9Y5W5; Q6UXI1; Q8WVG4
Molecular Weight	41,528 Da
NCBI Official Full Name	wnt inhibitory factor 1
NCBI Official Synonym Full Names	WNT inhibitory factor 1
NCBI Official Symbol	WIF1
NCBI Official Synonym Symbols	WIF-1
NCBI Protein Information	wnt inhibitory factor 1
UniProt Protein Name	Wnt inhibitory factor 1
UniProt Gene Name	WIF1
UniProt Synonym Gene Names	WIF-1
UniProt Entry Name	WIF1_HUMAN

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.