

Rat WIF1 ELISA Kit | WIF1 elisa kit

Rat WIF1 PicoKine ELISA Kit

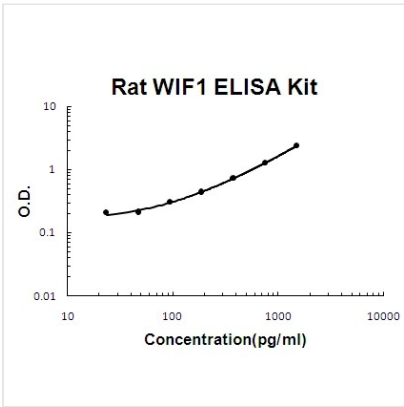
CATALOG # AAA46788	REACTIVITY Rat
------------------------------	--------------------------

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Natural and recombinant rat WIF1
Sequence Length	365
Assay Range	23.4pg/ml-1500pg/ml
Sensitivity	<10pg/ml
Anticoagulant	heparin or EDTA
TMB incubation time	25-30
Immunogen	NSO, G29-W379
Sample Data	Concentration(pg/ml): 0 23.4 46.9 93.8 187.5 375 750 1500 O.D.: 0.161 0.207 0.211 0.303 0.440 0.729 1.266 2.369
Intra/Inter Assay Precision	Sample: 1 2 3 1 2 3 n: 16 16 16 24 24 24 Mean(pg/ml): 50.3 212 894 62.1 258 903 Standard Deviation: 2.11 10.60 51.85 3.42 16.51 70.43 CV(%): 4.2 5.0 5.8 5.5 6.4 7.8
Assay Procedure Step 1	Aliquot 0.1ml per well of the 1500pg/ml, 750pg/ml, 375pg/ml, 187.5pg/ml, 93.8pg/ml, 46.9pg/ml, 23.4pg/ml rat WIF1 standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of rat cell culture supernatants, serum or plasma (heparin, EDTA) to each empty well. We recommend that each rat WIF1 standard solution and each sample is measured in duplicate.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.



Standard Curve (Sample)
Rat WIF1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for WIF1 elisa kit	For quantitative detection of rat WIF1 in cell culture supernates, cell lysates, tissue homogenates, serum and plasma (heparin, EDTA). Background: 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. Principle: Rat 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 subRate 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 Rat WIF1 amount of sample captured in plate.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	16758560
NCBI GeneID	114557
NCBI Accession #	NP_446190.1
NCBI GenBank Nucleotide #	NM_053738.1
UniProt Accession #	Q6IN38; Q924Y6
Molecular Weight	40,063 Da
NCBI Official Full Name	wnt inhibitory factor 1
NCBI Official Synonym Full Names	Wnt inhibitory factor 1
NCBI Official Symbol	Wif1
NCBI Protein Information	wnt inhibitory factor 1
UniProt Protein Name	Wnt inhibitory factor 1
UniProt Gene Name	Wif1
UniProt Synonym Gene Names	WIF-1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/wif1/46788>