

Human Wnt inhibitory factor 1 ELISA Kit | WIF1 elisa kit

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CATALOG #
AAA100179

REACTIVITY
Human

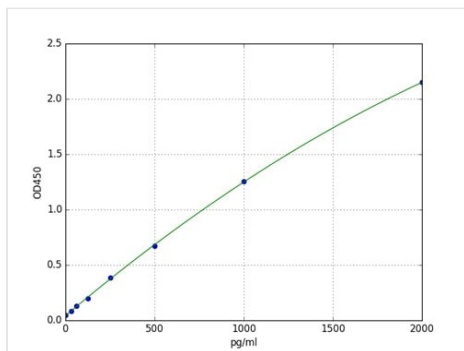
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	379
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human WIF1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.121	0.190	0.222	0.298	0.408	0.675	1.067	1.979

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for WIF1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human WIF1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human WIF1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were 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. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human WIF1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

6755999

NCBI GeneID	24117
NCBI Accession #	NP_036045.1
NCBI GenBank Nucleotide #	NM_011915.2
Molecular Weight	41,590 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; AW107799
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_MOUSE

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://stage.aaabiotech.com/wif1-human-elisa-kits/wnt-inhibitory-factor-1/100179>