

Guinea Pig Wingless-type MMTV integration site family, member 4 ELISA Kit | WNT4 elisa kit

Guinea pig Wingless-type MMTV integration site family, member 4 ELISA Kit

CATALOG # AAA94641	REACTIVITY Guinea Pig
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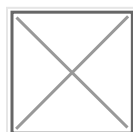
PRODUCT SYNONYMS

Wingless-type MMTV integration site family; member 4; Guinea pig Wingless-type MMTV integration site family; member 4 ELISA Kit; WNT4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for WNT4 elisa kit	<p>Intended Uses: This WNT4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig WNT4. This ELISA kit for research use only!</p> <p>Principle of the Assay: WNT4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-WNT4 antibody and an WNT4-HRP conjugate. The assay sample and buffer are incubated together with WNT4-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the WNT4 concentration since WNT4 from samples and WNT4-HRP conjugate compete for the anti-WNT4 antibody binding site. Since the number of sites is limited, as more sites are occupied by WNT4 from the sample, fewer sites are left to bind WNT4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The WNT4 concentration in each sample is interpolated from this standard curve.</p>
Product Categories/Family for WNT4 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	34785937
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NCBI GeneID	54361
Molecular Weight	32,954 Da
NCBI Official Full Name	Wingless-type MMTV integration site family, member 4
NCBI Official Synonym Full Names	wingless-type MMTV integration site family, member 4
NCBI Official Symbol	WNT4
NCBI Official Synonym Symbols	WNT-4; SERKAL
NCBI Protein Information	protein Wnt-4
UniProt Protein Name	Protein Wnt-4
UniProt Gene Name	WNT4
UniProt Synonym Gene Names	UNQ426/PRO864
UniProt Entry Name	WNT4_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.

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Online datasheet: <https://stage.aaabiotech.com/wnt4-guinea-pig-pig-elisa-kits/wingless-type-mmtv-integration-site-family-member-4/94641>