

Chicken Von Willebrand Factor ELISA Kit | Vwf elisa kit

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CATALOG #
AAA91240

REACTIVITY
Chicken

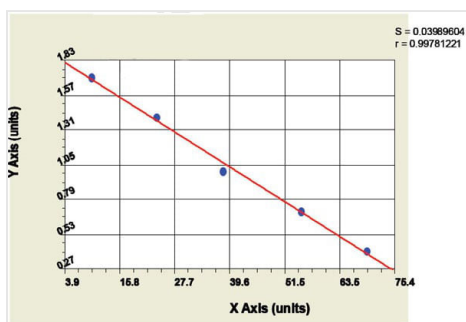
PRODUCT SYNONYMS

Von Willebrand Factor; Chicken Von Willebrand Factor ELISA Kit; Vwf elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This Vwf ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken Vwf. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Vwf elisa kit

Principle of the Assay: Vwf ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Vwf antibody and an Vwf-HRP conjugate. The assay sample and buffer are incubated together with Vwf-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 Vwf concentration since Vwf from samples and Vwf-HRP conjugate compete for the anti-Vwf antibody binding site. Since the number of sites is limited, as more sites are occupied by Vwf from the sample, fewer sites are left to bind Vwf-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Vwf concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Vwf elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	86129842
NCBI GeneID	22371
UniProt Accession #	Q2I0J7; Q2I0J8; Q3TD35; Q3TPE1; Q3U017; Q8CIZ8; Q9WUQ6
Molecular Weight	309,102 Da
NCBI Official Full Name	VWF
NCBI Official Synonym Full Names	Von Willebrand factor homolog
NCBI Official Symbol	Vwf
NCBI Official Synonym Symbols	VWD; F8VWF; AI551257; C630030D09; 6820430P06Rik; B130011O06Rik
NCBI Protein Information	von Willebrand factor
UniProt Protein Name	VWF
UniProt Gene Name	Vwf
UniProt Entry Name	Q2I0J7_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://www.aaabiotech.com/vwf-chicken-elisa-kits/von-willebrand-factor/91240>