

Human WW domain containing oxidoreductase (WWOX) ELISA Kit | WWOX elisa kit

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CATALOG #
AAA245562

REACTIVITY
Human

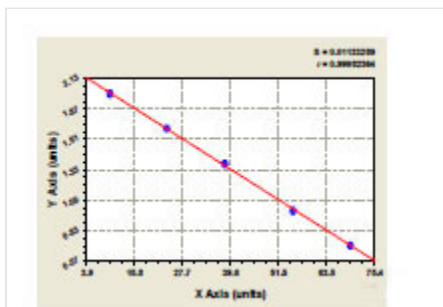
PRODUCT SYNONYMS

WW domain containing oxidoreductase (WWOX); Human WW domain containing oxidoreductase (WWOX) ELISA Kit; WWOX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500pg/mL
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for WWOX elisa kit

Intended Uses: This WWOX ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human WWOX.

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

Product Categories/Family for WWOX elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	30583729
NCBI GeneID	51741
Molecular Weight	23,868 Da
NCBI Official Full Name	WW domain containing oxidoreductase
NCBI Official Synonym Full Names	WW domain containing oxidoreductase
NCBI Official Symbol	WWOX
NCBI Official Synonym Symbols	FOR; WOX1; FRA16D; SCAR12; HHCMA56; PRO0128; SDR41C1; D16S432E
NCBI Protein Information	WW domain-containing oxidoreductase; WW domain-containing protein WWOX; fragile site FRA16D oxidoreductase; short chain dehydrogenase/reductase family 41C, member 1
UniProt Protein Name	WW domain-containing oxidoreductase
UniProt Gene Name	WWOX
UniProt Synonym Gene Names	FOR; WOX1
UniProt Entry Name	WWOX_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/human-elisa-kits/ww-domain-containing-oxidoreductase-wwox/245562>