

Human WD repeat containing protein 1 (WDR1) ELISA Kit | WDR1 elisa kit

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CATALOG #
AAA246965

REACTIVITY
Human

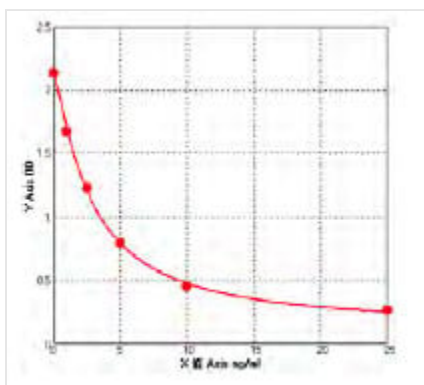
PRODUCT SYNONYMS

WD repeat containing protein 1 (WDR1); Human WD repeat containing protein 1 (WDR1) ELISA Kit; WDR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of WDR1. No significant cross-reactivity or interference between WDR1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between WDR1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for WDR1 elisa kit	Intended Uses: This WDR1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human WDR1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: WDR1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-WDR1 antibody and an WDR1-HRP conjugate. The assay sample and buffer are incubated together with WDR1-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 WDR1 concentration since WDR1 from samples and WDR1-HRP conjugate compete for the anti-WDR1 antibody binding site. Since the number of sites is limited, as more sites are occupied by WDR1 from the sample, fewer sites are left to bind WDR1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The WDR1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for WDR1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	9257257
NCBI GeneID	9948
NCBI Accession #	NP_059830.1
NCBI GenBank Nucleotide #	NM_017491.3
Molecular Weight	50,694 Da
NCBI Official Full Name	WD repeat-containing protein 1 isoform 1
NCBI Official Synonym Full Names	WD repeat domain 1
NCBI Official Symbol	WDR1
NCBI Official Synonym Symbols	AIP1; NORI-1; HEL-S-52
NCBI Protein Information	WD repeat-containing protein 1; actin-interacting protein 1; epididymis secretory protein Li 52
UniProt Protein Name	WD repeat-containing protein 1
UniProt Gene Name	WDR1
UniProt Synonym Gene Names	AIP1
UniProt Entry Name	WDR1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/wd-repeat-containing-protein-1-wdr1/246965>