

Human WD repeat domain phosphoinositide interacting protein 2 (WIPI2) ELISA Kit | WIPI2 elisa kit

Human WD repeat domain phosphoinositide interacting protein 2 (WIPI2) ELISA Kit

CATALOG # AAA27275	REACTIVITY Human
------------------------------	----------------------------

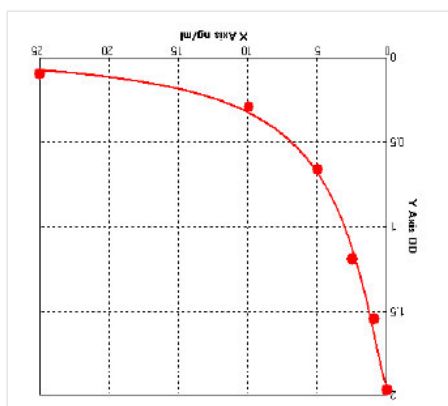
PRODUCT SYNONYMS

WD repeat domain phosphoinositide interacting protein 2 (WIPI2); Human WD repeat domain phosphoinositide interacting protein 2 (WIPI2) ELISA Kit; WIPI2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of WIPI2. No significant cross-reactivity or interference between WIPI2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between WIPI2 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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 WIPI2 elisa kit	Principle of the Assay: WIPI2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-WIPI2 antibody and an WIPI2-HRP conjugate. The assay sample and buffer are incubated together with WIPI2-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 WIPI2 concentration since WIPI2 from samples and WIPI2-HRP conjugate compete for the anti-WIPI2 antibody binding site. Since the number of sites is limited, as more sites are occupied by WIPI2 from the sample, fewer sites are left to bind WIPI2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The WIPI2 concentration in each sample is interpolated from this standard curve. Intended Uses: This WIPI2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human WIPI2. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for WIPI2 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	7661580
NCBI GeneID	26100
NCBI Accession #	NP_056425.1
NCBI GenBank Nucleotide #	NM_015610.3
Molecular Weight	48,249 Da
NCBI Official Full Name	WD repeat domain phosphoinositide-interacting protein 2 isoform a
NCBI Official Synonym Full Names	WD repeat domain, phosphoinositide interacting 2
NCBI Official Symbol	WIPI2
NCBI Official Synonym Symbols	Atg21; ATG18B; CGI-50; WIPI-2
NCBI Protein Information	WD repeat domain phosphoinositide-interacting protein 2; WIPI49-like protein 2; WD40 repeat protein interacting with phosphoinositides 2
UniProt Protein Name	WD repeat domain phosphoinositide-interacting protein 2
UniProt Gene Name	WIPI2
UniProt Synonym Gene Names	CGI-50; WIPI-2
UniProt Entry Name	WIPI2_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.