

Human Ubiquitin conjugating enzyme E2 variant 1 (UBE2V1) ELISA Kit | UBE2V1 elisa kit

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CATALOG #
AAA245846

REACTIVITY
Human

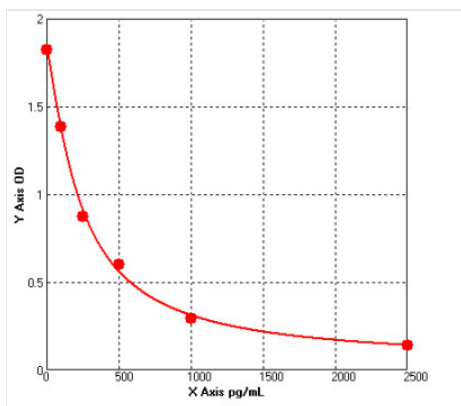
PRODUCT SYNONYMS

Ubiquitin conjugating enzyme E2 variant 1 (UBE2V1); Human Ubiquitin conjugating enzyme E2 variant 1 (UBE2V1) ELISA Kit; UBE2V1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of UBE2V1. No significant cross-reactivity or interference between UBE2V1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between UBE2V1 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	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 UBE2V1 elisa kit	Principle of the Assay: UBE2V1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-UBE2V1 antibody and an UBE2V1-HRP conjugate. The assay sample and buffer are incubated together with UBE2V1-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 UBE2V1 concentration since UBE2V1 from samples and UBE2V1-HRP conjugate compete for the anti-UBE2V1 antibody binding site. Since the number of sites is limited, as more sites are occupied by UBE2V1 from the sample, fewer sites are left to bind UBE2V1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The UBE2V1 concentration in each sample is interpolated from this standard curve. Intended Uses: This UBE2V1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human UBE2V1. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for UBE2V1 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	259016163
NCBI GeneID	7335
Molecular Weight	11,766 Da
NCBI Official Full Name	Ubiquitin-conjugating enzyme E2 variant 1
NCBI Official Synonym Full Names	ubiquitin-conjugating enzyme E2 variant 1
NCBI Official Symbol	UBE2V1
NCBI Official Synonym Symbols	CIR1; UEV1; CROC1; UBE2V; UEV-1; UEV1A; CROC-1
NCBI Protein Information	ubiquitin-conjugating enzyme E2 variant 1; DNA-binding protein; TRAF6-regulated IKK activator 1 beta Uev1A
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 variant 1
UniProt Gene Name	UBE2V1
UniProt Synonym Gene Names	CROC1; UBE2V; UEV1; P/OKcl.19; UEV-1
UniProt Entry Name	UB2V1_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/ubiquitin-conjugating-enzyme-e2-variant-1-ube2v1/245846>