

Human Vacuolar Protein Sorting-Associated Protein 37A (VPS37A) ELISA Kit | VPS37A elisa kit

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CATALOG #
AAA330275

REACTIVITY
Human

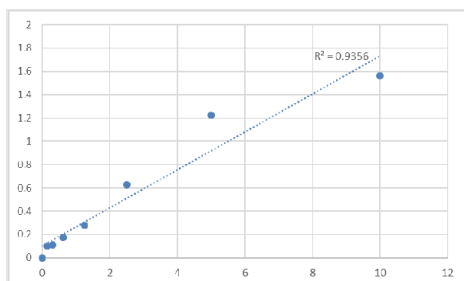
PRODUCT SYNONYMS

Vacuolar Protein Sorting-Associated Protein 37A (VPS37A); Human Vacuolar Protein Sorting-Associated Protein 37A (VPS37A) ELISA Kit; VPS37A; FLJ32642; FLJ42616; HCRP1; PQBP2; hepatocellular carcinoma related protein 1; polyglutamine binding protein 2; vacuolar protein sorting 37A; VPS37A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Vacuolar protein sorting-associated protein 37A (VPS37A) ELISA Kit has high sensitivity and excellent specificity for detection of Human VPS37A. No significant cross-reactivity or interference between Human VPS37A and analogues was observed.
Sequence Length	397
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Vacuolar protein sorting-associated protein 37A (VPS37A) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for VPS37A elisa kit	Description: This Human Vacuolar protein sorting-associated protein 37A (VPS37A) ELISA Kit employs a two-site sandwich ELISA to quantitate VPS37A in samples. An antibody specific for VPS37A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any VPS37A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for VPS37A is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of VPS37A bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: HCRP1 encodes a deduced 397-amino acid protein. Northern blot analysis showed ubiquitous expression of an approximately 2-kb HCRP1 transcript, with most abundant expression in liver. Western blot analysis showed reduced HCRP1 expression in 6 of 8 HCC tissues, but higher expression levels of HCRP1 in adjacent normal tissues in all 8 cases. Transient transfection of GFP-HCRP1 fusion constructs showed that HCRP1 is localized throughout the cell, but predominantly in the nucleus. Pull-down assays demonstrated that the interaction between HCRP1 and TSG101 occurs through the mod(r) domain. By size exclusion chromatography, HCRP1 cofractionated with TSG101 and VPS28. Depletion of TSG101 by siRNA treatment resulted in reduction in HCRP1 levels in HeLa cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74715446
NCBI GeneID	137492
UniProt Accession #	Q8NEZ2
NCBI Official Full Name	Vacuolar protein sorting-associated protein 37A
NCBI Official Synonym Full Names	VPS37A subunit of ESCRT-I
NCBI Official Symbol	VPS37A
NCBI Official Synonym Symbols	HCRP1; PQBP2; SPG53
NCBI Protein Information	vacuolar protein sorting-associated protein 37A
UniProt Protein Name	Vacuolar protein sorting-associated protein 37A
UniProt Gene Name	VPS37A
UniProt Synonym Gene Names	HCRP1; hVps37A
UniProt Entry Name	VP37A_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/vacuolar-protein-sorting-associated-protein-37a-vps37a/330275>