

Human Hepatocellular Carcinoma Related Protein 1 (HCRP1) ELISA Kit | HCRP1 elisa kit

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CATALOG #
AAA64290

REACTIVITY
Human

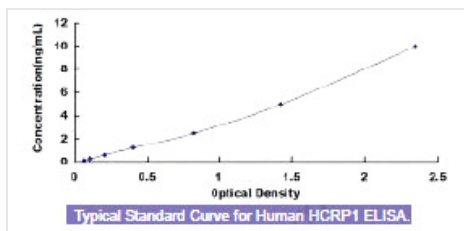
PRODUCT SYNONYMS

Hepatocellular Carcinoma Related Protein 1 (HCRP1); Human Hepatocellular Carcinoma Related Protein 1 (HCRP1) ELISA Kit; PQBP2; VPS37A; Vacuolar Protein Sorting 37 Homolog A; Polyglutamine Binding Protein 2; ESCRT-I complex subunit VPS37A; HCRP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HCRP1. No significant cross-reactivity or interference between HCRP1 and analogues was observed.
Sequence Length	372
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.049ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HCRP1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level HCRP1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HCRP1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HCRP1 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HCRP1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HCRP1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HCRP1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of HCRP1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223555921
NCBI GeneID	137492
NCBI Accession #	NP_001138624.1
NCBI GenBank Nucleotide #	NM_001145152.1
UniProt Accession #	Q8NEZ2; Q336D5; Q6NW27; Q8N3D7; Q8TBL7; Q96DL9
Molecular Weight	20,891 Da
NCBI Official Full Name	vacuolar protein sorting-associated protein 37A isoform 2
NCBI Official Synonym Full Names	VPS37A, ESCRT-I subunit
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

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/hepatocellular-carcinoma-related-protein-1-hcrp1/64290>