

Mouse Huntingtin Interacting Protein 2 (HIP2) ELISA Kit | HIP2 elisa kit

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CATALOG #
AAA189819

REACTIVITY
Mouse

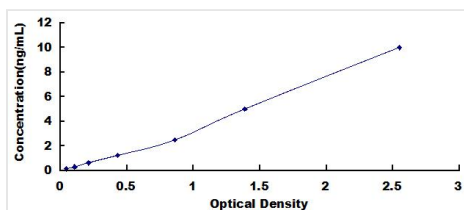
PRODUCT SYNONYMS

Huntingtin Interacting Protein 2 (HIP2); Mouse Huntingtin Interacting Protein 2 (HIP2) ELISA Kit; HYPG; LIG; UBE2K; Ubiquitin-Conjugating Enzyme E2K; Ubiquitin carrier protein; Ubiquitin-protein ligase; HIP2/Huntingtin Interacting Protein 2; HIP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of HIP2. No significant cross-reactivity or interference between HIP2 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.064ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HIP2 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 HIP2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf Life: 8 months The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HIP2 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to HIP2. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to HIP2. 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 HIP2, 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 HIP2 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HIP2 in mouse tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for HIP2 elisa kit	Neuro science

NCBI AND UNIPROT INFORMATION

NCBI GI #	148705802
NCBI GeneID	53323
UniProt Accession #	P61087; O54806; P27924; Q16721; Q9Cvv9
Molecular Weight	22,407 Da
NCBI Official Full Name	huntingtin interacting protein 2, isoform CRA_e
NCBI Official Synonym Full Names	ubiquitin-conjugating enzyme E2K
NCBI Official Symbol	Ube2k
NCBI Official Synonym Symbols	Lig; Hip2; Hypg; E2-25k; AW492011; D5Ert601e
NCBI Protein Information	ubiquitin-conjugating enzyme E2 K
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 K
UniProt Gene Name	Ube2k
UniProt Synonym Gene Names	Hip2; HIP-2; Ubiquitin-conjugating enzyme E2(25K); Ubiquitin-conjugating enzyme E2-25K
UniProt Entry Name	UBE2K_MOUSE

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://www.aaabiotech.com/mouse-elisa-kits/huntingtin-interacting-protein-2-hip2/189819>