

Mouse Parkinson disease (autosomal recessive, early onset) 7 ELISA Kit | PARK7 elisa kit

Mouse Protein DJ-1, PARK7 ELISA Kit

CATALOG #
AAA112566

REACTIVITY
Mouse

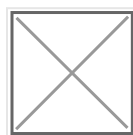
PRODUCT SYNONYMS

Parkinson disease (autosomal recessive; early onset) 7; Mouse Protein DJ-1; PARK7 ELISA Kit; Mouse Protein DJ-1 (PARK7) ELISA kit; CTA-215D11.1; DJ-1; DJ1; FLJ27376; FLJ34360; FLJ92274; OTTHUMP00000001350; OTTHUMP00000001351; Parkinson disease protein 7; oncogene DJ1; protein DJ-1; PARK7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse PARK7. No significant cross-reactivity or interference between Mouse PARK7 and analogues was observed.
Sequence Length	189
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	15.6 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Apoptosis/Autophagy
Protein Biological Process 3	Autophagy
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PARK7 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PARK7 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PARK7 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PARK7 is added to the wells. After washing, avidin 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 PARK7 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55741460
NCBI GeneID	57320
NCBI Accession #	NP_065594.2
NCBI GenBank Nucleotide #	NM_020569.3
UniProt Accession #	Q99LX0; O88306; Q3THB9; Q3U509
Molecular Weight	20,021 Da
NCBI Official Full Name	protein DJ-1
NCBI Official Synonym Full Names	Parkinson disease (autosomal recessive, early onset) 7
NCBI Official Symbol	Park7
NCBI Official Synonym Symbols	DJ1; DJ-1
NCBI Protein Information	protein DJ-1; parkinson disease protein 7 homolog; RNA-binding protein regulatory subunit
UniProt Protein Name	Protein DJ-1
UniProt Gene Name	Park7
UniProt Entry Name	PARK7_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://stage.aaabiotech.com/park7-mouse-elisa-kits/parkinson-disease-autosomal-recessive-early-onset-7/112566>