PARK7 (Human) Cell-Based ELISA Kit

Catalog # KA2738 Size 1 Kit

Specification

Product Description	PARK7 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative det ermination of PARK7 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — PARK7

Entrez GeneID	11315
Protein Accession#	Q99497
Gene Name	PARK7
Gene Alias	DJ-1, DJ1, FLJ27376, FLJ34360, FLJ92274
Gene Description	Parkinson disease (autosomal recessive, early onset) 7

Omim ID	602533 606324
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the peptidase C56 family of proteins. It acts as a positive regulator of androgen receptor-dependent transcription. It may also function as a redox-sensitive chaperone, as a sensor for oxidative stress, and it apparently protects neurons against oxidative stress and cell death. Defects in this gene are the cause of autosomal recessive early-onset Parkinson disease 7. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000001348|OTTHUMP00000001349|OTTHUMP00000001350|OTTHUMP00000001351|Parkinson disease protein 7|oncogene DJ1|protein DJ-1

Publication Reference

- Baicalein Prevents 6-Hydroxydopamine-Induced Mitochondrial Dysfunction in SH-SY5Y Cells via Inhibition of Mitochondrial Oxidation and Up-Regulation of DJ-1 Protein Expression.

  Wang YH, Yu HT, Pu XP, Du GH.

  Molecules 2013 Nov; 18(12):14726.

  Application: ELISA, Human, SH-SY5Y cells

Disease

- Alzheimer disease
- Chromosome Disorders
- Dementia
- Disease Progression
- Genetic Predisposition to Disease
- Lewy Body Disease
- Parkinson disease
- Parkinsonian Disorders