Mouse Protein DJ-1(PARK7) ELISA kit

Product Code	CSB-EL017454MO
Abbreviation	PARK7
Protein Biological Process 1	Apoptosis/Autophagy
Target Name	Parkinson disease (autosomal recessive, early onset) 7
Uniprot No.	Q99LX0
Alias	CTA-215D11.1, DJ-1, DJ1, FLJ27376, FLJ34360, FLJ92274, OTTHUMP00000001350|OTTHUMP00000001351|Parkinson disease protein 7|oncogene DJ1|protein DJ-1
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Protein Biological Process 3	Autophagy
Sample Types	serum, plasma, tissue homogenates, cell lysates
Detection Range	62.5 pg/mL-4000 pg/mL
Sensitivity	15.6 pg/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Cancer
Gene Names	Park7
Tag Info	quantitative
Protein Description	Sandwich
Description	This Mouse PARK7 ELISA Kit was designed for the quantitative measurement of Mouse PARK7 protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 62.5 pg/mL-4000 pg/mL and the sensitivity is 15.6 pg/mL .
Target Details	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.

Product Precision

Intra-assay Precision (Precision within an assay): CV%<8%
Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision (Precision between assays): CV%<10%
Three samples of known concentration were tested in twenty assays to assess.

Linearity

To assess the linearity of the assay, samples were spiked with high concentrations of mouse PARK7 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

?	Sample	Serum(n=4)
1:1	Average %	93
	Range %	86-102
1:2	Average %	96
	Range %	91-101
1:4	Average %	95
	Range %	91-99
1:8	Average %	96
	Range %	92-100

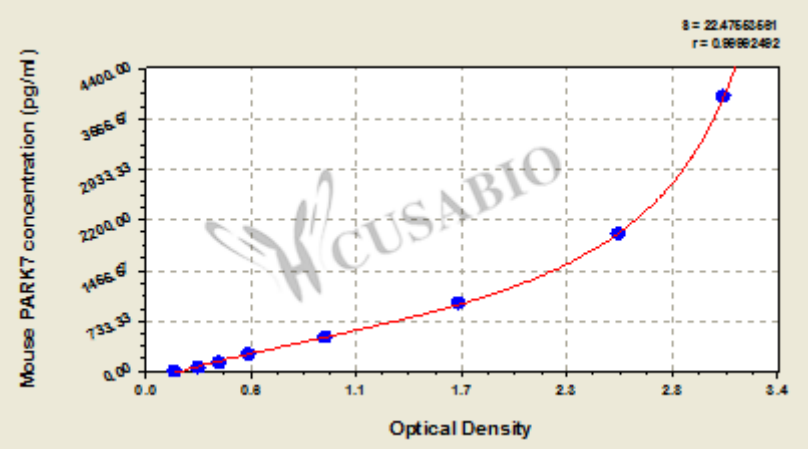
Recovery

The recovery of mouse PARK7 spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	97	93-102
EDTA plasma (n=4)	92	88-97

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



pg/ml	OD1	OD2	Average	Corrected
4000	3.057	3.104	3.081	2.911
2000	2.577	2.472	2.525	2.355
1000	1.669	1.683	1.676	1.506
500	0.942	1.000	0.971	0.801
250	0.555	0.575	0.565	0.395
125	0.390	0.415	0.403	0.233
62.5	0.283	0.302	0.293	0.123
0	0.169	0.171	0.170	?

Msds

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