

Human Leucine-rich repeat serine/threonine-protein kinase 2 ELISA Kit | LRRK2 elisa kit

Human Leucine-rich repeat serine/threonine-protein kinase 2 ELISA Kit

CATALOG #
AAA23238

REACTIVITY
Human

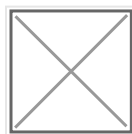
PRODUCT SYNONYMS

Leucine-rich repeat serine/threonine-protein kinase 2; Human Leucine-rich repeat serine/threonine-protein kinase 2 ELISA Kit; Dardarin; LRRK2; PARK8; 2.7.11.1; LRRK2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	2527
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.078 ng/mL
Intra-Assay CV	<=4.7%
Inter-Assay CV	<=6.5%
Recovery	96%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LRRK2 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

171846278

NCBI GeneID	120892
NCBI Accession #	NP_940980.3
NCBI GenBank Nucleotide #	NM_198578.3
UniProt Accession #	Q5S007 ; Q6ZS50 ; Q8NCX9 ; A6NJU2
Molecular Weight	286,103 Da
NCBI Official Full Name	leucine-rich repeat serine/threonine-protein kinase 2
NCBI Official Synonym Full Names	leucine-rich repeat kinase 2
NCBI Official Symbol	LRRK2
NCBI Official Synonym Symbols	PARK8; RIPK7; ROCO2; AURA17; DARDARIN
NCBI Protein Information	leucine-rich repeat serine/threonine-protein kinase 2
UniProt Protein Name	Leucine-rich repeat serine/threonine-protein kinase 2
UniProt Gene Name	LRRK2
UniProt Synonym Gene Names	PARK8
UniProt Entry Name	LRRK2_HUMAN

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/lrrk2-human-elisa-kits/leucine-rich-repeat-serine-threonine-protein-kinase-2/23238>