# SNCA (Human) Cell-Based ELISA Kit

Catalog # KA3495 Size 1 Kit

## Specification

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| **Product Description** | SNCA (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of SNCA 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, Rat |
| **Regulation Status** | For research use only (RUO) |
| **Storage Instruction** | Store the kit at 4°C. |

## Applications

- Qualitative

## Gene Info — SNCA

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| **Entrez GeneID** | 6622 |
| **Gene Name** | SNCA |
| **Gene Alias** | MGC110988, NACP, PARK1, PARK4, PD1 |
| **Gene Description** | synuclein, alpha (non A4 component of amyloid precursor) |
| **Omim ID** | 127750 163890 168601 605543 |

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|---|---|
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | Alpha-synuclein is a member of the synuclein family, which also includes beta- and gamma-synuclein. Synucleins are abundantly expressed in the brain and alpha- and beta-synuclein inhibit phospholipase D2 selectively. SNCA may serve to integrate presynaptic signaling and membrane trafficking. Defects in SNCA have been implicated in the pathogenesis of Parkinson disease. SNCA peptides are a major component of amyloid plaques in the brains of patients with Alzheimer's disease. Four alternatively spliced transcripts encoding two different isoforms have been identified for this gene. [provided by RefSeq |
| **Other Designations** | OTTHUMP00000161559\|OTTHUMP00000161561\|alpha synuclein\|alpha-synuclein\|alpha-synuclein, isoform NACP140\|non A-beta component of AD amyloid\|non A4 component of amyloid |

## Disease

- Alcoholism
- Alzheimer disease
- Amphetamine-Related Disorders
- Association Learning
- Attention
- Cardiovascular Diseases
- Chromosome Breakage
- Cognition Disorders
- Color Perception
- Cystic fibrosis
- Dementia
- Diabetes Complications
- Disease Progression
- Disease Susceptibility
- Essential tremor
- Genetic Predisposition to Disease
- Lewy Body Disease

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- Mental Recall
- Metabolic Syndrome X
- Movement Disorders
- Multiple System Atrophy
- Neoplasms
- Nerve Degeneration
- Neuroblastoma
- Neurodegenerative Diseases
- Neuropsychological Tests
- Olfaction Disorders
- Osteoporosis
- Parkinson disease
- Parkinsonian Disorders
- Psychological Tests
- Psychomotor Performance
- Psychoses
- Serial Learning
- Smell
- Substance-Related Disorders
- Thrombophilia
- Tobacco Use Disorder

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