



[Go to Product page](#)

Datasheet for ABIN6951269
SNCA ELISA Kit

Overview

Quantity: 96 tests

Target: SNCA

Reactivity: Human

Method Type: Sandwich ELISA

Application: ELISA

Product Details

Purpose: Human Phosphotyrosine Alpha-synuclein Quantitative ELISA Kit. This assay quantitatively measures phosphotyrosine Alpha-synuclein in lysate samples.

Sample Type: Cell Samples, Tissue Lysate

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: The antibody pair provided in this kit recognizes human phosphotyrosine Alpha-synuclein.

Characteristics:

- Pre-Coated 96-well Strip Microplate
- Wash Buffer
- Anti-Phospho Antibody
- HRP-Conjugated Secondary Antibody
- Assay Diluent
- TMB One-Step Substrate
- Stop Solution
- Lysis Buffer
- Positive Control Sample

Product Details

Components:	<ul style="list-style-type: none">• Pre-Coated 96-well Strip Microplate• Wash Buffer• Anti-Phospho Antibody• HRP-Conjugated Secondary Antibody• Assay Diluent• TMB One-Step Substrate• Stop Solution• Lysis Buffer• Positive Control Sample
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Material not included:	<ul style="list-style-type: none">• Distilled or deionized water• 100 mL and 1 liter graduated cylinders• Tubes to prepare sample dilutions• Protease and Phosphatase inhibitors• Precision pipettes to deliver 2 μL to 1 mL volumes• Adjustable 1-25 mL pipettes for reagent preparation• Benchtop rocker or shaker• Microplate reader capable of measuring absorbance at 450 nm
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Target Details

Target:	SNCA
Alternative Name:	Alpha-synuclein (SNCA Products)
Gene ID:	6622
UniProt:	P37840
Pathways:	Synaptic Membrane , Regulation of G-Protein Coupled Receptor Protein Signaling , Positive Regulation of Endopeptidase Activity , Regulation of Carbohydrate Metabolic Process , Platelet-derived growth Factor Receptor Signaling , Negative Regulation of Transporter Activity , Regulation of long-term Neuronal Synaptic Plasticity

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Plate:	Pre-coated
Protocol:	<ol style="list-style-type: none">1. Prepare all reagents and samples as instructed in the manual.2. Add 100 μL of sample or positive control to each well.3. Incubate 2.5 h at RT or O/N at 4 $^{\circ}$C.4. Add 100 μL of prepared primary antibody to each well.

Application Details

5. Incubate 1 h at RT.
6. Add 100 μ L of prepared 1X HRP-Streptavidin to each well.
7. Incubate 1 h at RT.
8. Add 100 μ L of TMB One-Step Substrate Reagent to each well.
9. Incubate 30 min at RT.
10. Add 50 μ L of Stop Solution to each well.
11. Read at 450 nm immediately.

Restrictions: For Research Use only

Handling

Storage: -20 °C

Storage Comment: Upon receipt, the kit should be stored at -20 °C. Please use within 6 months from the date of shipment. After initial use, Wash Buffer Concentrate (Item B), Assay Diluent (Item E), TMB One-Step Substrate Reagent (Item H), HRP-Streptavidin (Item G), Stop Solution (Item I) and Cell Lysate Buffer (Item J) should be stored at 4 °C to avoid repeated freeze-thaw cycles. Return unused wells to the pouch containing desiccant pack, reseal along entire edge and store at -20 °C. Reconstituted Positive Control (Item K) should be stored at -70 °C.

Expiry Date: 6 months