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Datasheet for ABIN5510680

Persephin ELISA Kit

1 Image

Overview

Quantity: 96 tests

Target: Persephin (PSPN)

Binding Specificity: AA 22-156

Reactivity: Human

Method Type: Sandwich ELISA

Application: ELISA

Product Details

Purpose: Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human Persephin

Brand: PicoKine™

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: Expression system for standard: E.coli
Immunogen sequence: W22-G156

Cross-Reactivity (Details): There is no detectable cross-reactivity with other relevant proteins.

Target Details

Target: Persephin (PSPN)

Alternative Name: PSPN ([PSPN Products](#))

Background: Protein Function: Exhibits neurotrophic activity on mesencephalic dopaminergic and motor

Target Details

neurons.

Background: Persephin, also known as PSPN, is a neurotrophic factor in the glial cell line-derived neurotrophic factor (GDNF) family. Neurotrophic factors are important for the proper development and maintenance of the nervous system. These factors promote neuronal survival and can prevent the neuronal degeneration associated with injury, toxin exposure, or neurodegenerative disease. This PSPN gene is mapped to chromosome 19p13.3. The encoded protein has amino acid similarity to its other family members, glial cell line-derived neurotrophic factor and neurturin. This gene product promotes the survival of ventral midbrain dopaminergic neurons in culture and prevents their degeneration after 6-hydroxydopamine treatment in vivo.

Synonyms: Persephin,PSP,PSPN,

Full Gene Name: Persephin

Cellular Localisation: Secreted.

UniProt: [O60542](#)

Application Details

Plate: Pre-coated

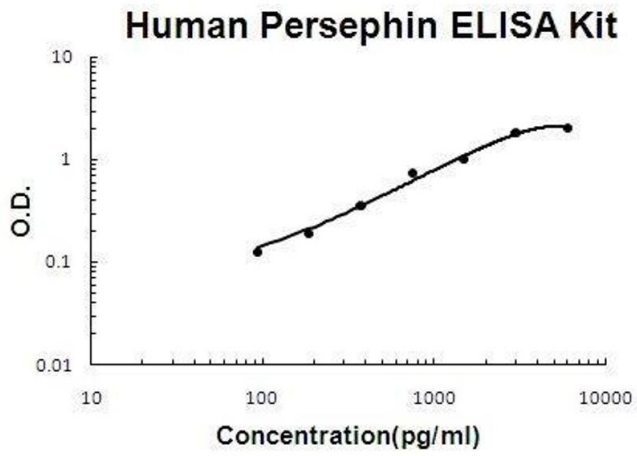
Restrictions: For Research Use only

Handling

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)

Expiry Date: 12 months



ELISA

Image 1. Human Persephin PicoKine ELISA Kit standard curve