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Datasheet for ABIN5510664 Persephin ELISA Kit

Image



Overview

Quantity:	96 tests
Target:	Persephin (PSPN)
Binding Specificity:	AA 22-156
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Mouse 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

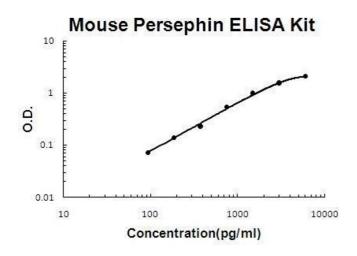
Target:	Persephin (PSPN)
Alternative Name:	Pspn (PSPN Products)
Background:	Protein Function: Exhibits neurotrophic activity on mesencephalic dopaminergic and motor

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	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:	070300

Application Details

Plate:	Pre-coated
Restrictions:	For Research Use only
Handling	
Storage:	4 °C,-20 °C
Storage.	4 0,-20 0
Storage Comment:	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)



ELISA

Image 1. Mouse Persephin PicoKine ELISA Kit standard curve

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