



Pig Neuron-specific enolase,NSE ELISA Kit

Product Code	CSB-E14065p
Abbreviation	NSE
Target Name	Neuron-specific enolase,NSE
Product Type	ELISA Kit
Immunogen Species	Sus scrofa (Pig)
Sample Types	serum, plasma, tissue homogenates
Detection Range	0.78 ng/mL-50 ng/mL
Sensitivity	0.195 ng/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Cancer
Tag Info	quantitative
Protein Description	Sandwich

Description

This Pig NSE ELISA Kit was designed for the quantitative measurement of Pig NSE protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 0.78 ng/mL-50 ng/mL and the sensitivity is 0.195 ng/mL.

Product Precision

Intra-assay Precision (Precision within an assay): CV%<8%
 Three samples of known concentration were tested twenty times on one plate to assess.

Inter-assay Precision (Precision between assays): CV%<10%
 Three samples of known concentration were tested in twenty assays to assess.

Linearity

To assess the linearity of the assay, samples were spiked with high concentrations of pig NSE in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

	Sample	Serum(n=4)
1:1	Average %	91
	Range %	86-102
1:2	Average %	90
	Range %	85-99
1:4	Average %	95
	Range %	87-98



1:8	Average %	94
	Range %	86-104

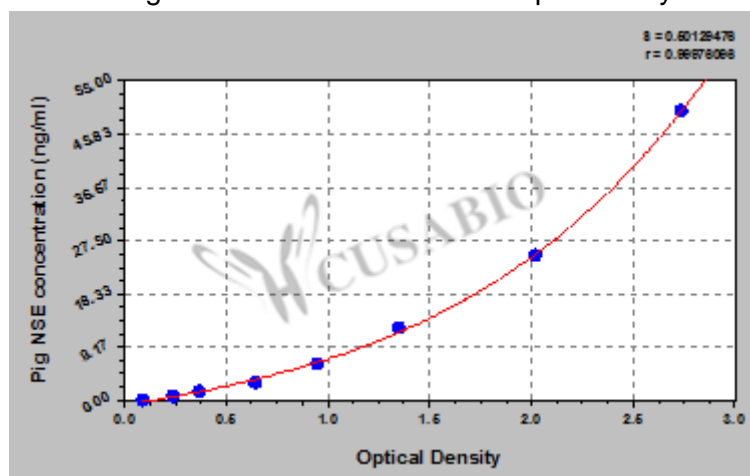
Recovery

The recovery of pig NSE spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	95	84-102
EDTA plasma (n=4)	94	83-99

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



ng/ml	OD1	OD2	Average	Corrected
50	2.754	2.682	2.718	2.614
25	2.017	1.997	2.007	1.903
12.5	1.330	1.362	1.346	1.242
6.25	0.944	0.957	0.951	0.847
3.12	0.653	0.641	0.647	0.543
1.56	0.378	0.369	0.374	0.270
0.78	0.240	0.251	0.246	0.142
0	0.102	0.105	0.104	

Msds

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