



Human 14-3-3 protein sigma(SFN) ELISA kit

Product Code	CSB-EL021135HU
Abbreviation	SFN
Uniprot No.	P31947
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates
Detection Range	0.27 ng/ml- 200ng/ml
Sensitivity	0.27 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	Others
Gene Names	SFN
Tag Info	quantitative
Protein Description	Sandwich

Description

The product CSB-EL021135HU is a sandwich ELISA kit developed to measure levels of human 14-3-3 protein sigma (SFN) in serum, plasma, or tissue homogenates. The enzyme-substrate chromogenic reaction is also used to amplify the signal and quantify the levels of the analyte through the intensity of the colored product. The color intensity positively correlates with the amount of SFN bound in the initial step.

SFN is a negative regulator of the cell cycle and has been identified as a human mammary epithelium-specific marker downregulated in transformed mammary carcinoma cells. It has also been regarded as a p53-inducible gene product involved in cell cycle checkpoint control after DNA damage. Studies have shown that overexpression of SFN inhibited oncogene-activated tumorigenicity in a tetracycline-regulated SFN system. SFN expression has also shown potential in therapeutic intervention in cancers.

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