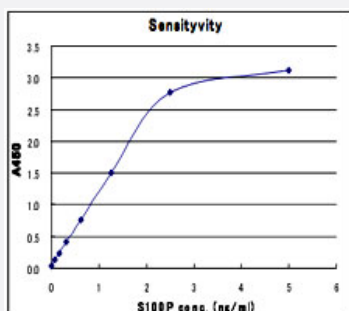


S100P (Human) ELISA Kit

Catalog # KA0093

Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	S100P (Human) ELISA Kit is used for the quantitative measurement of S100P in cell lysate, cell culture conditioned medium, serum, plasma and other biological media.
Suitable Sample	Cell Culture Conditioned Medium, Cell Lysate, Plasma, Serum
Sample Volume	100 μ L
Label	HRP-conjugate
Detection Method	Colorimetric
Assay Type	Quantitative
Intra-Assay	4.50%
Inter-Assay	6.60%
Spiking Recovery	101.50%
Calibration Range	39.0 to 2500 pg/mL
Limit of Detection	29 pg/mL
Reactivity	Human

Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store the kit at 4°C.

Applications

- Quantification

Gene Info — S100P

Entrez GeneID	6286
Gene Name	S100P
Gene Alias	MIG9
Gene Description	S100 calcium binding protein P
Omim ID	600614
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21; however, this gene is located at 4p16. This protein, in addition to binding Ca ²⁺ , also binds Zn ²⁺ and Mg ²⁺ . This protein may play a role in the etiology of prostate cancer. [provided by RefSeq]
Other Designations	OTTHUMP00000115574 S100 calcium-binding protein P migration-inducing gene 9