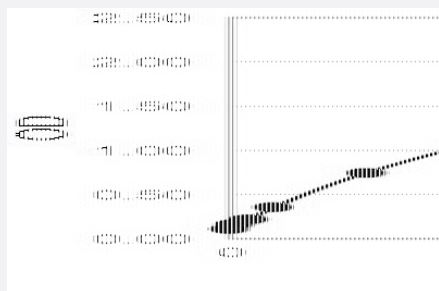


S100A7 (Human) ELISA Kit

Catalog # KA1054

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	S100A7 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human S100A7/Psoriasin in skin washing fluid, nipple fluid, tissue culture medium, and biological samples like serum and plasma.
Suitable Sample	Nipple Fluid, Plasma, Serum, Skin Washing Fluid, Tissue Culture Medium
Sample Volume	100 uL (1:5 prediluted)
Label	HRP-conjugate
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	0.12 to 90 ng/mL
Limit of Detection	0.12 ng/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 away from light.

Applications

- Quantification

Gene Info — S100A7

Entrez GeneID [6278](#)**Gene Name** S100A7**Gene Alias** PSOR1, S100A7c**Gene Description** S100 calcium binding protein A7**Omim ID** [600353](#)**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. This protein differs from the other S100 proteins of known structure in its lack of calcium binding ability in one EF-hand at the N-terminus. This protein is markedly over-expressed in the skin lesions of psoriatic patients, but is excluded as a candidate gene for familial psoriasis susceptibility. The exact function of this protein is not known. [provided by RefSeq]

Other Designations OTTHUMP00000015327|OTTHUMP00000015328|S100 calcium-binding protein A7 (psoriasin 1)|psoriasin 1

Disease

- [Dermatitis](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)
- [Rhinitis](#)