

Human Secreted Ly-6/uPAR-related protein 1 (SLURP1) ELISA Kit



Catalog No: #EK7231

Orders: order@signalwayantibody.com

Package Size: #EK7231-1 48T #EK7231-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Human Secreted Ly-6/uPAR-related protein 1 (SLURP1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	ANUP; ARS; ArsB; LY6LS; MDM; ARS component B ARS(component B)-81/S anti-neoplastic urinary protein lymphocyte antigen 6-like secreted secreted Ly6/uPAR related protein 1
Accession No.	P55000
Uniprot	P55000
GeneID	57152;
Storage	<p>The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.</p> <p>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).</p>

Application Details

Detect Range:0.156-10 ng/mL

Sensitivity:0.058 ng/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate SLURP1 in samples. An antibody specific for SLURP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anySLURP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SLURP1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SLURP1 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**SLURP1 is a member of the Ly6/uPAR family but lacks a GPI-anchoring signal sequence. It is thought that this secreted protein contains antitumor activity. Mutations in this gene have been associated with Mal de Meleda, a rare autosomal recessive skin disorder. This gene maps to the same chromosomal region as several members of the Ly6/uPAR family of glycoprotein receptors.

The Ly6/uPAR protein family can be divided into 2 subfamilies. One comprises glycosylphosphatidylinositol (GPI)-anchored glycoprotein receptors with 10 cysteine residues. The other subfamily includes the secreted single-domain snake and frog cytotoxins, and its members generally possess only 8 cysteines and no GPI-anchoring signal sequence.

Note: This product is for in vitro research use only