

Human Wiskott-Aldrich syndrome protein family member 2 (WASF2) ELISA Kit

Catalog No: #EK5844

Orders: order@signalwayantibody.com

Package Size: #EK5844-1 48T #EK5844-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Human Wiskott-Aldrich syndrome protein family member 2 (WASF2) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	SCAR2; WAVE2; dJ393P12.2; IMD2 OTTHUMP00000211879 WASP family Verprolin-homologous protein 2 suppressor of cyclic-AMP receptor (WASP-family)
Accession No.	Q9Y6W5
Uniprot	Q9Y6W5
GeneID	10163;
Storage	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. 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).

Application Details

Detect Range:0.312-20 ng/mL

Sensitivity:0.106 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 WASF2 in samples. An antibody specific for WASF2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyWASF2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for WASF2 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 WASF2 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**Wiskott-Aldrich syndrome protein family member 2 is a member of the Wiskott-Aldrich syndrome protein family. The gene product is a protein that forms a multiprotein complex that links receptor kinases and actin. Binding to actin occurs through a C-terminal verprolin homology domain in all family members.

The multiprotein complex serves to transduce signals that involve changes in cell shape, motility or function. The published map location has been changed based on recent genomic sequence comparisons, which indicate that the expressed gene is located on chromosome 1, and a pseudogene may be located on chromosome X.Expressed in all tissues with strongest expression in placenta, lung, and peripheral blood leukocytes, but not in skeletal muscle.

Note: This product is for in vitro research use only