

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

Catalog No: #EK5843

Orders: order@signalwayantibody.com

Package Size: #EK5843-1 48T #EK5843-2 96T

Support: tech@signalwayantibody.com

## Description

Product Name	Mouse Wiskott-Aldrich syndrome protein family member 2 (WASF2) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Mouse ( <i>Mus musculus</i> )
Other Names	SCAR2; WAVE2; dJ393P12.2; IMD2 OTTHUMP00000211879 WASP family Verprolin-homologous protein 2 suppressor of cyclic-AMP receptor (WASP-family)
Accession No.	Q8BH43
Uniprot	Q8BH43
GeneID	242687;
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:0.053 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 3 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 Wiskott-Aldrich syndrome protein (WASP) and WASP-like (WASL) are among the downstream effector molecules involved in the transmission of signals from tyrosine kinase receptors and small GTPases to the actin cytoskeleton. WASF1 is also involved in actin reorganization, but its expression is restricted to brain.

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Note: This product is for in vitro research use only