Human Probable histone-lysine N-methyltransferase NSD2 (WHSC1) ELISA Kit

Catalog No: #EK5832

Package Size: #EK5832-1 48T #EK5832-2 96T

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Human Probable histone-lysine N-methyltransferase NSD2 (WHSC1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	RP11-262P20.3; FLJ23286; KIAA1090; MGC176638; MMSET; NSD2; REIIBP; TRX5; WHS; IL5 promoter REII region-binding protein|OTTHUMP00000196943|Wolf-Hirschhorn syndrome candidate 1 protein|multiple myelom
Accession No.	O96028
Uniprot	O96028
GeneID	7468;
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:0.31-20 ng/mL

Sensitivity:0.156 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 WHSC1 in samples. An antibody specific for WHSC1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyWHSC1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for WHSC1 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 WHSC1 bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:WHSC1 encodes a protein that contains four domains present in other developmental proteins: a PWWP domain, an HMG box, a SET domain, and a PHD-type zinc finger. It is expressed ubiquitously in early development. Wolf-Hirschhorn syndrome (WHS) is a malformation syndrome associated with a hemizygous deletion of the distal short arm of chromosome 4. This gene maps to the 165 kb WHS critical region and has also been involved in the chromosomal translocation t(4;14)(p16.3;q32.3) in multiple myelomas. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. Some transcript variants are nonsense-mediated

mRNA (NMD) decay candidates, hence not represented as reference sequences.

Note: This product is for in vitro research use only