

Human Retinoic acid receptor RXR-gamma (RXRG) ELISA Kit



Catalog No: #EK11384

Orders: order@signalwayantibody.com

Package Size: #EK11384-1 48T #EK11384-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Human Retinoic acid receptor RXR-gamma (RXRG) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	NR2B3; RXRC; retinoic acid receptor RXR-gamma retinoid X receptor-gamma
Accession No.	P48443
Uniprot	P48443
GeneID	6258;
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:0.071 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 RXRG in samples. An antibody specific for RXRG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyRXRG present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for RXRG 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 RXRG bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**RXR-gamma), also known as NR2B3 (nuclear receptor subfamily 2, group B, member 3) is a nuclear receptor encoded by the RXRG gene.

This gene encodes a member of the retinoid X receptor (RXR) family of nuclear receptors which are involved in mediating the antiproliferative effects of retinoic acid (RA). This receptor forms homodimers with the retinoic acid, thyroid hormone, and vitamin D receptors, increasing both DNA binding and transcriptional function on their respective response elements. This gene is expressed at significantly lower levels in non-small cell lung cancer cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Note: This product is for in vitro research use only