Human TCDD-inducible poly [ADP-ribose] polymerase (TIPARP) ELISA Kit

Catalog No: #EK6529

Package Size: #EK6529-1 48T #EK6529-2 96T

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

Description

Product Name	Human TCDD-inducible poly [ADP-ribose] polymerase (TIPARP) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	DDF1; DKFZp434J214; DKFZp686N0351; DKFZp686P1838; FLJ40466; PARP-1; PARP-7; PARP7;
Accession No.	Q7Z3E1
Uniprot	Q7Z3E1
GeneID	25976;
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:Request Information

Sensitivity:Request Information

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 TIPARP in samples. An antibody specific for TIPARP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTIPARP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TIPARP 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 TIPARP bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:TIPARP, encodes a deduced 657-amino acid protein that shares 91.8% and 52.7% sequence identity with mouse and fugu Tiparp proteins, respectively. The proteins in all 3 species contain 3 highly conserved domains: a WWE (trp, trp, glu) domain, a PARP (poly(ADP-ribose) polymerase)-like catalytic domain, and a novel TPH (TIPARP homologous) domain.
The N-terminal part of the TPH domain contains a CCCH-type zinc finger. Katoh and Katoh (2003) noted that the deduced proteins of 2 human genes, which they called FLJ226093 (PARP12) and ZAP (ZC3HAV1), contain the same 3 conserved domains and share 27.5% and 26% overall sequence identity with TIPARP, respectively.

Note: This product is for in vitro research use only