

# Human F-box/WD repeat-containing protein 1A (BTRC) ELISA Kit

Catalog No: #EK12039

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)

Package Size: #EK12039-1 48T #EK12039-2 96T

Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Human F-box/WD repeat-containing protein 1A (BTRC) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	RP11-529I10.2; BETA-TRCP; FBW1A; FBXW1; FBXW1A; FWD1; MGC4643; bTrCP; bTrCP1; betaTrCP; beta-TrCP1 beta-transducin repeat containing protein
Accession No.	Q9Y297
Uniprot	Q9Y297
GeneID	8945;
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 BTRC in samples. An antibody specific for BTRC has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyBTRC present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for BTRC 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 BTRC bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**F-box/WD repeat-containing protein 1A is a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbws class; in addition to an F-box, this protein contains multiple WD-40 repeats. This protein is homologous to Xenopus bTrCP1, yeast Met30, Neurospora Scon2 and Drosophila Slimb proteins.

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Note: This product is for in vitro research use only