

Human Tripartite Motif Containing Protein 3 (TRIM3) ELISA Kit | TRIM3 elisa kit

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CATALOG #
AAA151286

REACTIVITY
Human

PRODUCT SYNONYMS

Tripartite Motif Containing Protein 3 (TRIM3); Human Tripartite Motif Containing Protein 3 (TRIM3) ELISA Kit; TRIM3/Tripartite Motif Containing Protein 3; BERP; HAC1; RNF22; RNF97; Ring Finger Protein 22; RING finger protein 97; Brain Expressed Ring Finger; Tripartite Motif Protein TRIM3; TRIM3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TRIM3. No significant cross-reactivity or interference between TRIM3 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TRIM3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TRIM3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term(within shelf life) Shelf Life: 8 months The stability of 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.To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

ADDITIONAL INFORMATION

Related Product Information for TRIM3 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to TRIM3. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to TRIM3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TRIM3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of TRIM3 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TRIM3 in human tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for TRIM3 elisa kit	Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	351721563
NCBI GeneID	10612
NCBI Accession #	NP_001234935.1
NCBI GenBank Nucleotide #	NM_001248006.1
UniProt Accession #	O75382; Q4V9L4; Q9C038; Q9C039; B7Z5E6; F5H2Q8
Molecular Weight	80,830 Da
NCBI Official Full Name	tripartite motif-containing protein 3 isoform 1
NCBI Official Synonym Full Names	tripartite motif containing 3
NCBI Official Symbol	TRIM3
NCBI Official Synonym Symbols	BERP; HAC1; RNF22; RNF97
NCBI Protein Information	tripartite motif-containing protein 3; RING finger protein 97; ring finger protein 22; brain expressed ring finger; tripartite motif-containing 3; tripartite motif protein TRIM3; brain-expressed RING finger protein
UniProt Protein Name	Tripartite motif-containing protein 3
UniProt Gene Name	TRIM3
UniProt Synonym Gene Names	BERP; RNF22; RNF97
UniProt Entry Name	TRIM3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/tripartite-motif-containing-protein-3-trim3/151286>