

Human Ring Finger Protein 55 (RNF55) ELISA Kit | RNF55 elisa kit

Human Ring Finger Protein 55 (RNF55) ELISA Kit

CATALOG #
AAA189826

REACTIVITY
Human

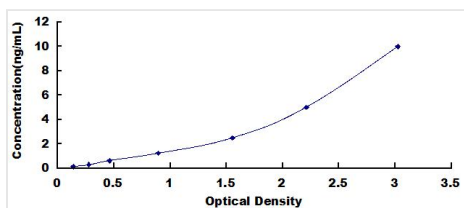
PRODUCT SYNONYMS

Ring Finger Protein 55 (RNF55); Human Ring Finger Protein 55 (RNF55) ELISA Kit; CBL; C-CBL; CBL2; Cas-Br-M(Murine)Ecotropic Retroviral Transforming Sequence; Casitas B-lineage Lymphoma; Proto-oncogene c-Cbl; Signal transduction protein CBL; RNF55/Ring Finger Protein 55; RNF55 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RNF55. No significant cross-reactivity or interference between RNF55 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 RNF55 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 RNF55 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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RNF55 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to RNF55. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to RNF55. 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 RNF55, 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 RNF55 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 RNF55 in human tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for RNF55 elisa kit	Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	52426745
NCBI GeneID	867
NCBI Accession #	NP_005179.2
NCBI GenBank Nucleotide #	NM_005188.3
UniProt Accession #	P22681; A3KMP8
Molecular Weight	99,633 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase CBL
NCBI Official Synonym Full Names	Cbl proto-oncogene, E3 ubiquitin protein ligase
NCBI Official Symbol	CBL
NCBI Official Synonym Symbols	CBL2; NSLL; C-CBL; RNF55; FRA11B
NCBI Protein Information	E3 ubiquitin-protein ligase CBL; oncogene CBL2; proto-oncogene c-Cbl; RING finger protein 55; signal transduction protein CBL; casitas B-lineage lymphoma proto-oncogene; fragile site, folic acid type, rare, fra(11)(q23.3); Cas-Br-M (murine) ecotropic retr
UniProt Protein Name	E3 ubiquitin-protein ligase CBL
UniProt Gene Name	CBL
UniProt Synonym Gene Names	CBL2; RNF55
UniProt Entry Name	CBL_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/ring-finger-protein-55-rnf55/189826>