

Human RNA-Binding Protein 38 (RBM38) ELISA Kit | RBM38 elisa kit

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CATALOG #
AAA331018

REACTIVITY
Human

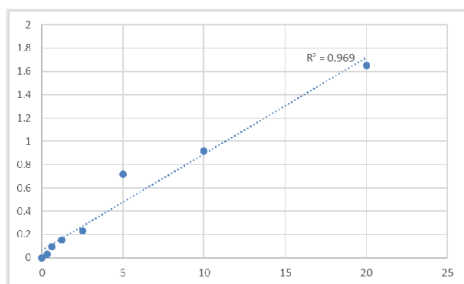
PRODUCT SYNONYMS

RNA-Binding Protein 38 (RBM38); Human RNA-Binding Protein 38 (RBM38) ELISA Kit; RBM38; HSRNASEB; RNPC1; SEB4B; SEB4D; dJ800J21.2; CLL-associated antigen KW-5; RNA-binding region (RNP1; RRM) containing 1; RNA-binding region containing protein 1; ssDNA binding protein SEB4; RBM38 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human RNA-binding protein 38 (RBM38) ELISA Kit has high sensitivity and excellent specificity for detection of Human RBM38. No significant cross-reactivity or interference between Human RBM38 and analogues was observed.
Sequence Length	239
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human RNA-binding protein 38 (RBM38) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for RBM38 elisa kit	Description: This Human RNA-binding protein 38 (RBM38) ELISA Kit employs a two-site sandwich ELISA to quantitate RBM38 in samples. An antibody specific for RBM38 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RBM38 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for RBM38 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 RBM38 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Using microarray analysis to identify potential p53 (TP53) target genes in human cell lines, Shu et al. (2006) identified and cloned 2 variants of RBM38, which they called RNPC1a and RNPC1b. The deduced proteins contain 239 and 121 amino acids, respectively, and both contain an identical N-terminal canonical RNA recognition motif made up of 2 conserved submotifs, RNP1 and RNP2. Immunofluorescence analysis localized both proteins in the perinuclear membrane and cytosol, with a larger proportion of RNPC1b localized to the cytosol than the nucleus.Both RNPC1a and RNPC1b were also induced by several p63 (TP63) and p73 (TP73) isoforms. RNPC1 expression was induced by DNA-damaging agents in cells expressing wildtype p53, but not in cells lacking p53 expression.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34577107
NCBI GeneID	55544
NCBI Accession #	NP_059965.2
NCBI GenBank Nucleotide #	NP_059965.2
UniProt Accession #	Q9H0Z9
NCBI Official Full Name	RNA-binding protein 38 isoform a
NCBI Official Synonym Full Names	RNA binding motif protein 38
NCBI Official Symbol	RBM38
NCBI Official Synonym Symbols	RNPC1; SEB4B; SEB4D; HSRNASEB; dJ800J21.2
NCBI Protein Information	RNA-binding protein 38
UniProt Protein Name	RNA-binding protein 38
UniProt Gene Name	RBM38
UniProt Synonym Gene Names	RNPC1; SEB4

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/rna-binding-protein-38-rbm38/331018>