

Human RNA-Binding Protein 24 (RBM24) ELISA Kit | RBM24 elisa kit

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CATALOG #
AAA331019

REACTIVITY
Human

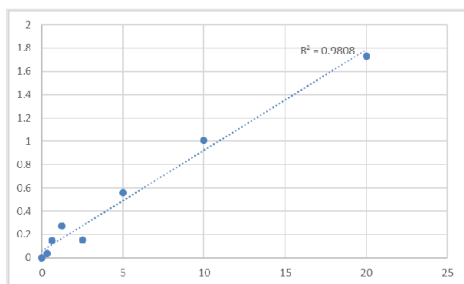
PRODUCT SYNONYMS

RNA-Binding Protein 24 (RBM24); Human RNA-Binding Protein 24 (RBM24) ELISA Kit; RBM24; FLJ26355; FLJ30829; FLJ37697; RNPC6; dJ259A10.1; RNA-binding region (RNP1; RRM) containing 6; RBM24 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human RNA-binding protein 24 (RBM24) ELISA Kit has high sensitivity and excellent specificity for detection of Human RBM24. No significant cross-reactivity or interference between Human RBM24 and analogues was observed.
Sequence Length	236
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 24 (RBM24) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for RBM24 elisa kit	Description: This Human RNA-binding protein 24 (RBM24) ELISA Kit employs a two-site sandwich ELISA to quantitate RBM24 in samples. An antibody specific for RBM24 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RBM24 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for RBM24 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 RBM24 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: RBM24 is restricted to the lateral and ventral mesoderm during gastrulation and then localized to the somitic mesoderm, in a similar pattern as XMyoD gene. A 0.65kb X. tropicalis RBM24 regulatory region contains multiple E boxes (CANNTG), which are potential binding sites for MyoD and other bHLH proteins. Knockdown of Seb4 produces similar effects as those obtained by the dominant negative MyoD mutant, indicating that it is required for the expression of myogenic genes and myogenesis in the embryo. In cultured ectodermal explants, although overexpression of Seb4 has no obvious effect on myogenesis, knockdown of Seb4 inhibits the expression of myogenic genes and myogenesis induced by MyoD. Seb4/RBM24 is a direct target of MyoD and is required for myogenesis during Xenopus early development.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	221139802
NCBI GeneID	221662
NCBI Accession #	NP_001137414.1
NCBI GenBank Nucleotide #	NP_001137414.1
UniProt Accession #	Q9BX46
NCBI Official Full Name	RNA-binding protein 24 isoform 1
NCBI Official Synonym Full Names	RNA binding motif protein 24
NCBI Official Symbol	RBM24
NCBI Official Synonym Symbols	RNPC6; dJ259A10.1
NCBI Protein Information	RNA-binding protein 24
UniProt Protein Name	RNA-binding protein 24
UniProt Gene Name	RBM24
UniProt Synonym Gene Names	RNPC6
UniProt Entry Name	RBM24_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.