Human Transmembrane Protein 158 (TMEM158) ELISA Kit | TMEM158 elisa kit

Human Transmembrane Protein 158 (TMEM158) ELISA Kit

CATALOG #	REACTIVITY
AAA330514	**Human**

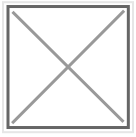
PRODUCT SYNONYMS

Transmembrane Protein 158 (TMEM158); Human Transmembrane Protein 158 (TMEM158) ELISA Kit; TMEM158; BBP; DKFZp586E1621; RIS1; p40BBP; BINP receptor; Ras induced senescence 1; Ras-induced senescence 1; brain injury-derived neurotrophic peptide (BINP) binding protein; brain specific binding protein; TMEM158 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Transmembrane protein 158 (TMEM158) ELISA Kit has high sensitivity and excellent specificity for detection of Human TMEM158. No significant cross-reactivity or interference between Human TMEM158 and analogues was observed.
Sequence Length	286
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 Transmembrane protein 158 (TMEM158) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TMEM158 elisa kit	Description: This Human Transmembrane protein 158 (TMEM158) ELISA Kit employs a two-site sandwich ELISA to quantitate TMEM158 in samples. An antibody specific for TMEM158 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TMEM158 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TMEM158 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 TMEM158 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Constitutive activation of the Ras pathway triggers an irreversible proliferation arrest reminiscent of replicative senescence. Transcription of this gene is upregulated in response to activation of the Ras pathway, but not under other conditions that induce senescence. RIS1 is similar to a rat cell surface receptor proposed to function in a neuronal survival pathway. RIS1 is not upregulated in association to any of the above-mentioned processes, but exclusively during Ras-senescence. Furthermore, RIS1 is also upregulated by the transcriptional factor Ets2, which is a known mediator of Ras-induced senescence. Interestingly, RIS1 is located at chromosomal position 3p21.3 and, more specifically, it is included in a short segment of just 1 Mb previously defined by other investigators for its tumor-suppressor activity.

NCBI AND UNIPROT INFORMATION

NCBI GI #	34785769
NCBI GeneID	25907
UniProt Accession #	Q8WZ71
NCBI Official Full Name	TMEM158 protein
NCBI Official Synonym Full Names	transmembrane protein 158 (gene/pseudogene)
NCBI Official Symbol	TMEM158
NCBI Official Synonym Symbols	BBP; RIS1; p40BBP
NCBI Protein Information	transmembrane protein 158
UniProt Protein Name	Transmembrane protein 158
UniProt Gene Name	**TMEM158**
UniProt Synonym Gene Names	HBBP; RIS1; p40BBP
UniProt Entry Name	TM158_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/transmembrane-protein-158-tmem158/330514