

Human Protein Max (MAX) ELISA Kit | MAX elisa kit

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CATALOG #
AAA331855

REACTIVITY
Human

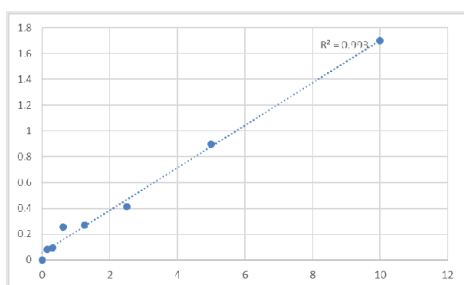
PRODUCT SYNONYMS

Protein Max (MAX); Human Protein Max (MAX) ELISA Kit; MAX; MGC10775; MGC11225; MGC18164; MGC34679; MGC36767; bHLHd4; bHLHd5; bHLHd6; bHLHd7; bHLHd8; orf1; MAX protein; helix-loop-helix zipper protein; myc-associated factor X; MAX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Protein max (MAX) ELISA Kit has high sensitivity and excellent specificity for detection of Human MAX. No significant cross-reactivity or interference between Human MAX and analogues was observed.
Sequence Length	160
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 Protein max (MAX) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MAX elisa kit	Description: This Human Protein max (MAX) ELISA Kit employs a two-site sandwich ELISA to quantitate MAX in samples. An antibody specific for MAX has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MAX present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MAX 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 MAX bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MAX is a member of the basic helix-loop-helix leucine zipper (bHLHZ) family of transcription factors. It is able to form homodimers and heterodimers with other family members, which include Mad, Mxi1 and Myc. Myc is an oncoprotein implicated in cell proliferation, differentiation and apoptosis. The homodimers and heterodimers compete for a common DNA target site (the E box) and rearrangement among these dimer forms provides a complex system of transcriptional regulation. Unlike MYC, the steady state level of MAX RNA was not significantly modulated with respect to proliferation or differentiation. Unlike MYC RNA, MAX RNA was relatively stable with a half-life of more than 3 hours, and therefore it did not exhibit the characteristic short half-life of RNAs encoded by most immediate early genes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47117704
UniProt Accession #	P61244
NCBI Official Full Name	Protein max
UniProt Protein Name	Protein max
UniProt Gene Name	MAX
UniProt Synonym Gene Names	BHLHD4; bHLHd4
UniProt Entry Name	MAX_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.