

Human Prolactin Regulatory Element-Binding Protein (PREB) ELISA Kit | PREB elisa kit

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CATALOG #
AAA331357

REACTIVITY
Human

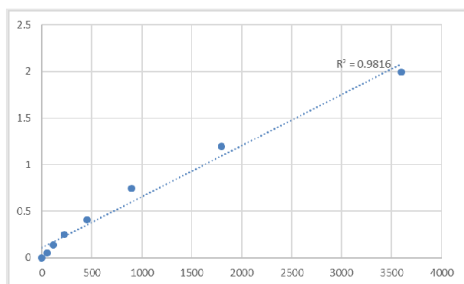
PRODUCT SYNONYMS

Prolactin Regulatory Element-Binding Protein (PREB); Human Prolactin Regulatory Element-Binding Protein (PREB) ELISA Kit; PREB; MGC3467; SEC12; prolactin regulatory binding-element protein; prolactin regulatory element binding protein; PREB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Prolactin regulatory element-binding protein (PREB) ELISA Kit has high sensitivity and excellent specificity for detection of Human PREB. No significant cross-reactivity or interference between Human PREB and analogues was observed.
Sequence Length	417
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 Prolactin regulatory element-binding protein (PREB) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PREB elisa kit	Description: This Human Prolactin regulatory element-binding protein (PREB) ELISA Kit employs a two-site sandwich ELISA to quantitate PREB in samples. An antibody specific for PREB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PREB present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PREB 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 PREB bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Prolactin regulatory element-binding protein is a protein that in humans is encoded by the PREB gene. This gene encodes a protein that specifically binds to a Pit1-binding element of the prolactin (PRL) promoter. This protein may act as a transcriptional regulator and is thought to be involved in some of the developmental abnormalities observed in patients with partial trisomy 2p. This gene overlaps the abhydrolase domain containing 1 (ABHD1) gene on the opposite strand.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7019503
NCBI GeneID	10113
NCBI Accession #	NP_037520.1
NCBI GenBank Nucleotide #	NP_037520.1
UniProt Accession #	Q9HCU5
NCBI Official Full Name	prolactin regulatory element-binding protein isoform 1
NCBI Official Synonym Full Names	prolactin regulatory element binding
NCBI Official Symbol	PREB
NCBI Official Synonym Symbols	SEC12
NCBI Protein Information	prolactin regulatory element-binding protein
UniProt Protein Name	Prolactin regulatory element-binding protein
UniProt Gene Name	PREB
UniProt Synonym Gene Names	SEC12
UniProt Entry Name	PREB_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.