

Mouse DNER ELISA Kit | DNER elisa kit

Mouse DNER PicoKine ELISA Kit

CATALOG #
AAA125288

REACTIVITY
Mouse

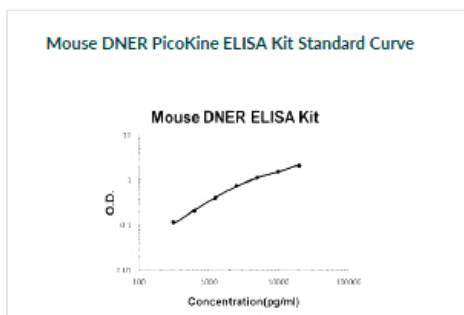
PRODUCT SYNONYMS

DNER; Mouse DNER PicoKine ELISA Kit; Mouse DNER; delta/notch-like EGF repeat containing; Delta and Notch-like epidermal growth factor-related receptor; Brain EGF repeat-containing transmembrane protein; Dner; Bet; Bret; DNER elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Dner
Sequence Length	737
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Detection Range	312pg/ml-20000pg/ml
Sensitivity	<50pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DNER elisa kit	Principle of the Assay: The Picokine™ Mouse Dner Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Dner with a 96-well strip plate that is pre-coated with antibody specific for Dner. The detection antibody is a biotinylated antibody specific for Dner. The capture antibody is a monoclonal antibody from rat, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Mouse Dner with immunogen: Expression system for standard: NSO, Immunogen sequence: A26-Y640. The kit is analytically validated with ready to use reagents. To measure Mouse Dner, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Mouse Dner in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Dner in the sample.!!Background/Introduction: Delta and Notch-like epidermal growth factor-related receptor is a protein that in humans is encoded by the DNER gene. It is mapped to 1; 1 C5. DNER, also known as BET, is a type I transmembrane glycoprotein that is specifically expressed on nonaxonal areas of post-mitotic neurons. The protein has an extracellular domain containing ten distinct EGF-like repeats similar to those found on Delta and Notch. Human and mouse DNER share 90% amino acid sequence identity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23097346
NCBI GeneID	227325
NCBI Accession #	NP_690879.1
NCBI GenBank Nucleotide #	NP_690879.1
UniProt Accession #	Q8JZM4
NCBI Official Full Name	delta and Notch-like epidermal growth factor-related receptor
NCBI Official Synonym Full Names	delta/notch-like EGF repeat containing
NCBI Official Symbol	Dner
NCBI Official Synonym Symbols	BET; Bret; A930026D19Rik
NCBI Protein Information	delta and Notch-like epidermal growth factor-related receptor
UniProt Protein Name	Delta and Notch-like epidermal growth factor-related receptor
UniProt Gene Name	Dner
UniProt Synonym Gene Names	Bet; Bret
UniProt Entry Name	DNER_MOUSE

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.