

Mouse Cerberus (CER) CLIA Kit | CER clia kit

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CATALOG #
AAA130417

REACTIVITY
Mouse

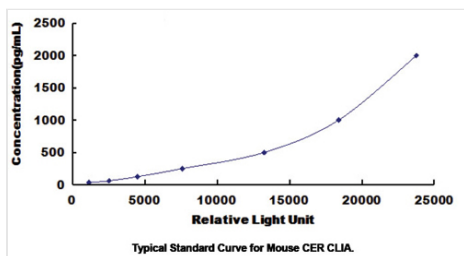
PRODUCT SYNONYMS

Cerberus (CER); Mouse Cerberus (CER) CLIA Kit; CER1; DAND4; Cerberus 1; DAN domain family member 4; Cysteine Knot Superfamily; Homolog(Xenopus Laevis); Cerberus-related protein; CER clia kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Cerberus (CER). No significant cross-reactivity or interference between Cerberus (CER) and analogues was observed.
Sequence Length	272
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	2.74-2,000pg/mL
Sensitivity	0.96pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Cerberus (CER) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Cerberus (CER) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CER clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Cerberus (CER). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Cerberus (CER). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Cerberus (CER) level in the sample or standard.;
Product Categories/Family for CER clia kit	Cytokine; Signal transduction; Developmental science; Bone metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	45382247
NCBI GeneID	395623
NCBI Accession #	NP_990154.1
NCBI GenBank Nucleotide #	NM_204823.1
UniProt Accession #	Q9PWB0
Molecular Weight	31,225 Da
NCBI Official Full Name	cerberus
NCBI Official Synonym Full Names	cerberus 1, DAN family BMP antagonist
NCBI Official Symbol	CER1
NCBI Official Synonym Symbols	CAR
NCBI Protein Information	cerberus
UniProt Protein Name	Cerberus
UniProt Gene Name	CER1
UniProt Entry Name	CER1_CHICK

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.