

Human Cold Shock Domain Containing Protein E1, RNA Binding (CSDE1) ELISA Kit | CSDE1 elisa kit

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CATALOG #
AAA187850

REACTIVITY
Human

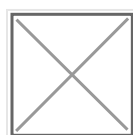
PRODUCT SYNONYMS

Cold Shock Domain Containing Protein E1; RNA Binding (CSDE1); Human Cold Shock Domain Containing Protein E1; RNA Binding (CSDE1) ELISA Kit; UNR; NRU; Upstream of NRAS; N-ras upstream gene protein; CSDE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Cold Shock Domain Containing Protein E1, RNA Binding (CSDE1). No significant cross-reactivity or interference between Cold Shock Domain Containing Protein E1, RNA Binding (CSDE1) and analogues was observed.
Sequence Length	844
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.122ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Cold Shock Domain Containing Protein E1, RNA Binding (CSDE1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Cold Shock Domain Containing Protein E1, RNA Binding (CSDE1) 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 CSDE1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Cold Shock Domain Containing Protein E1, RNA Binding (CSDE1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Cold Shock Domain Containing Protein E1, RNA Binding (CSDE1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Cold Shock Domain Containing Protein E1, RNA Binding (CSDE1), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Cold Shock Domain Containing Protein E1, RNA Binding (CSDE1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194473720
NCBI GeneID	7812
NCBI Accession #	NP_001123995.1
NCBI GenBank Nucleotide #	NM_001130523.2
UniProt Accession #	O75534; O94961; Q5TF04; Q5TF05; Q68DF1; Q68DI9; Q9Y2S4; A8K281; E9PGZ0; G5E9Q2
Molecular Weight	93,742 Da
NCBI Official Full Name	cold shock domain-containing protein E1 isoform 3
NCBI Official Synonym Full Names	cold shock domain containing E1
NCBI Official Symbol	CSDE1
NCBI Official Synonym Symbols	UNR; D1S155E
NCBI Protein Information	cold shock domain-containing protein E1
UniProt Protein Name	Cold shock domain-containing protein E1
UniProt Gene Name	CSDE1
UniProt Synonym Gene Names	D1S155E; KIAA0885; NRU; UNR

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.