

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

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CATALOG # AAA67645	REACTIVITY Human
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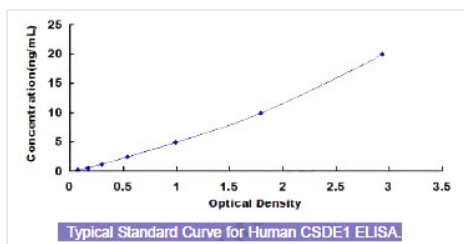
PRODUCT SYNONYMS

Cold Shock Domain Containing Protein E1; RNA Binding (CSDE1); Human Cold Shock Domain Containing Protein E1; RNA Binding (CSDE1) ELISA Kit; CDH11; CAD11; OB; OSF4; Cadherin 11 Type 2; OB-Cadherin; CSDE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CSDE1. No significant cross-reactivity or interference between CSDE1 and analogues was observed.
Sequence Length	798
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.102ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CSDE1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CSDE1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CSDE1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CSDE1 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CSDE1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 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 #	56117852
NCBI GeneID	7812
NCBI Accession #	NP_001007554.1
NCBI GenBank Nucleotide #	NM_001007553.2
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 1
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.