Human Carbonyl reductase [NADPH] 1, CBR1/CBR/CRN ELISA Kit | CBR1 elisa kit

Human Carbonyl reductase [NADPH] 1, CBR1/CBR/CRN ELISA Kit

CATALOG #	REACTIVITY
AAA123725	**Human**

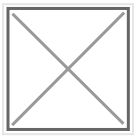
PRODUCT SYNONYMS

Carbonyl reductase [NADPH] 1; CBR1/CBR/CRN; Human Carbonyl reductase [NADPH] 1; CBR1/CBR/CRN ELISA Kit; CBR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	277
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L - 4500ng/L
Sensitivity	9.31ng/L
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. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CBR1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Carbonyl reductase [NADPH] 1 (also known as CBR1/CBR/CRN) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human CBR1/CBR/CRN antibody. CBR1/CBR/CRN present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CBR1/CBR/CRN Antibody is added and binds to CBR1/CBR/CRN in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CBR1/CBR/CRN antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human CBR1/CBR/CRN. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	113680352

NCBI GeneID	12408
NCBI GenBank Nucleotide #	NP_031646.2
UniProt Accession #	P48758
NCBI Official Full Name	carbonyl reductase
NCBI Official Synonym Full Names	carbonyl reductase 1
NCBI Official Symbol	Cbr1
NCBI Official Synonym Symbols	CR; Cbr; AW261796
NCBI Protein Information	carbonyl reductase [NADPH] 1
UniProt Protein Name	Carbonyl reductase [NADPH] 1
UniProt Gene Name	**Cbr1**
UniProt Synonym Gene Names	Cbr

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.

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Online datasheet: https://stage.aaabiotech.com/human-elisa-kits/carbonyl-reductase-nadph-1-cbr1-cbr-crn/123725