

Human Caspase-8 ELISA Kit | CASP8 elisa kit

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CATALOG #
AAA99385

REACTIVITY
Human

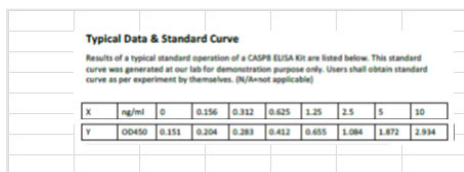
PRODUCT SYNONYMS

Caspase-8; Human Caspase-8 ELISA Kit; CASP8 (Caspase 8)/Mch5/AIS/androgen receptor/DHTRTFM/HUMARA/NR3C4KD; CASP8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CASP8 . No significant cross-reactivity or interference between CASP8 and analogues was observed.
Sequence Length	482
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CASP8 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CASP8 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CASP8 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-CASP8 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- CASP8 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP- Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the CASP8 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CASP8 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	45382997
NCBI GeneID	395284
NCBI Accession #	NP_989923.1
NCBI GenBank Nucleotide #	NM_204592.2
NCBI Official Full Name	caspase-8
NCBI Official Synonym Full Names	caspase 8, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP8
NCBI Official Synonym Symbols	caspase-8
NCBI Protein Information	caspase-8

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/casp8-human-elisa-kits/caspase-8/99385>