

Sheep Caspase-8 ELISA Kit | Caspase-8 elisa kit

Sheep Caspase-8 ELISA Kit

CATALOG #
AAA90635

REACTIVITY
Sheep

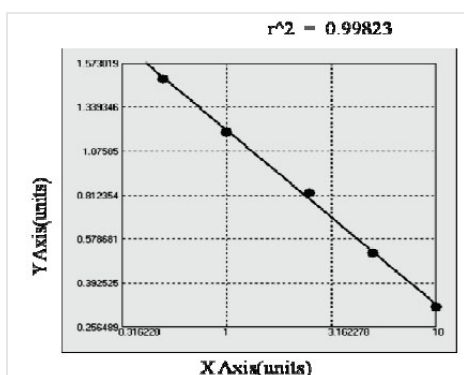
PRODUCT SYNONYMS

Caspase-8; Sheep Caspase-8 ELISA Kit; Caspase-8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This CASP8 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep CASP8. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Caspase-8 elisa kit

Principle of the Assay: CASP8 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CASP8 antibody and an CASP8-HRP conjugate. The assay sample and buffer are incubated together with CASP8-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CASP8 concentration since CASP8 from samples and CASP8-HRP conjugate compete for the anti-CASP8 antibody binding site. Since the number of sites is limited, as more sites are occupied by CASP8 from the sample, fewer sites are left to bind CASP8-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CASP8 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Caspase-8 elisa kit

Cell Biology

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; caspase 8, apoptosis-related cysteine protease

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sheep-elisa-kits/caspase-8/90635>