

ARG82849 Human Caspase 8 ELISA Kit

Package: 96 wells Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82849-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82849-002	Standard	2 X 5 ng/vial	4°C
ARG82849-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82849-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82849-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82849-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82849-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82849-008	20X Wash buffer	30 ml	4°C
ARG82849-009	TMB substrate	12 ml (Ready to use)	4°C (Protect from light)
ARG82849-010	STOP solution	12 ml (Ready to use)	4°C
ARG82849-011	Plate sealer	3 strips	Room temperature

Summary

Product Description	ARG82849 Human Caspase 8 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Caspase 8 in serum and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	Caspase 8
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	39 pg/ml
Sample Type	Serum and cell culture supernatants.
Standard Range	78 - 5000 pg/ml
Sample Volume	100 μΙ
Precision	Intra-Assay CV: less than 10% Inter-Assay CV: less than 10%

Casp-8; FADD-like ICE; EC 3.4.22.61; CAP4; ICE-like apoptotic protease 5; MORT1-associated ced-3 homolog; FLICE; Apoptotic cysteine protease; FADD-homologous ICE/ced-3-like protease; Caspase-8; Apoptotic protease Mch-5; CASP-8; MCH5; ALPS2B; MACH

Application Instructions

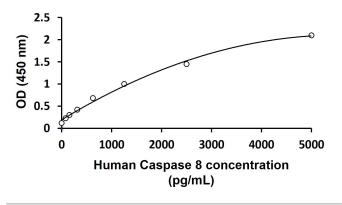
~ 5 hours

Properties

Form	96 well	
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.	
Note	For laboratory research only, not for drug, diagnostic or other use.	

Bioinformation

sustaina nantidasa		
caspase 8, apoptosis-related cysteine peptidase		
of the cysteine-aspartic acid protease (caspase) family. Sequential central role in the execution-phase of cell apoptosis. Caspases exist as ed of a prodomain, a large protease subunit, and a small protease subunit. es proteolytic processing at conserved internal aspartic residues to syme consisting of the large and small subunits. This protein is involved in aduced by Fas and various apoptotic stimuli. The N-terminal FADD-like protein suggests that it may interact with Fas-interacting protein FADD. the insoluble fraction of the affected brain region from Huntington disease in normal controls, which implicated the role in neurodegenerative spliced transcript variants encoding different isoforms have been riants have had their full-length sequences determined. [provided by		
he activation cascade of caspases responsible for the TNFRSF6/FAS inced cell death. Binding to the adapter molecule FADD recruits it to either gate called death-inducing signaling complex (DISC) performs CASP8 tive dimeric enzyme is then liberated from the DISC and free to activate ases. Proteolytic fragments of the N-terminal propeptide (termed CAP3, ained in the DISC. Cleaves and activates CASP3, CASP4, CASP6, CASP7, icipate in the GZMB apoptotic pathways. Cleaves ADPRT. Hydrolyzes the Asp-Glu-Val-Asp- -AMC. Likely target for the cowpox virus CRMA death isoform 6, isoform 7 and isoform 8 lack the catalytic site and may otic activity of the complex (PubMed:23516580, PubMed:9006941). hich is crucial for limiting apoptosis and necroptosis during embryonic UniProt]		
ntibody panels are launched		
quires association with the death-inducing signaling complex (DISC), g is likely due to the autocatalytic activity of the activated protease. GZMB n these processing events.		
luring mitosis by CDK1 inhibits activation by proteolysis and prevents on occurs in cancer cell lines, as well as in primary breast tissues and		
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ARG82849 Human Caspase 8 ELISA Kit standard curve image

ARG82849 Human Caspase 8 ELISA Kit results of a typical standard run with optical density reading at 450 nm.