

## Caspase 3 (CASP3) ELISA Kits



Citations>100



Cumulative IF>330

Caspase-3 (CASP3), also known as cysteine protease 3, is a protease that can specifically cut poly-ADP ribose polymerase (PARP1) and acetyl-DEVD-7-amino-4-methyl coumarin (Ac-DEVD-AMC), leading to DNA cleavage to promote cell apoptosis. CASP3 usually exists in the form of pro-caspase-3 in organisms. When apoptotic cells began to occur, pro-caspase-3 was cut from Asp28-Ser29 and Asp175-Ser176 to form two subunits, P17 (29-175) and P110 (182-277), which then formed the active form of CASP3. CASP3 as one of the most critical enzymes in apoptosis pathway, is closely related to the occurrence of cancer, aging and cardiovascular diseases.

### CASP3 Related ELISA Kits of Cloud-Clone

Target	Product No.	Product Name	Species
CASP3	SEA626Hu	Human ELISA Kit for Caspase 3 (CASP3)	Human
	SEA626Mu	Mouse ELISA Kit for Caspase 3 (CASP3)	Mouse
	SEA626Ra	Rat ELISA Kit for Caspase 3 (CASP3)	Rat
	SEA626Rb	Rabbit ELISA Kit for Caspase 3 (CASP3)	Rabbit
	SEA626Bo	Bovine ELISA Kit for Caspase 3 (CASP3)	Bovine

### Excellent Citations of CASP3 Related ELISA Kits (Excerpt)

Product No.	Species	Journal	IF	Pubmed ID	Institute
SEA626Ra	Mouse	Molecular Neurobiology	5.397	25502462	Department of Pharmacology and Toxicology, Faculty of Pharmacy, Cairo University
SEA626Mu	Mouse	Oncotarget	5.168	27708245	Institute of Radiation Biology, Helmholtz Zentrum München, German Research Center for Environmental Health GmbH
SEA626Ra	Mouse	Cellular Physiology and Biochemistry	5.104	28942443	Department of Physiology, Faculty of Medicine for Girls (Cairo), Al-Azhar University
SEA626Ra	Mouse	Biochemical Pharmacology	5.091	25701654	Department of Pharmacology & Toxicology, Faculty of Pharmacy, Egyptian Russian University

SEA626Mu	Mouse	Oncotarget	5.008	27144524	Department of Biochemistry and Molecular Biology, University of Southern Denmark, Odense M, Denmark.
SEA626Ra	Mouse	Neuropharmacology	4.936	25446674	Department of Pharmacology and Toxicology, Faculty of Pharmacy, Cairo University
SEA626Ra	Mouse	Frontiers in Pharmacology	4.4	28553224	State Key Laboratory of Applied Microbiology Southern China
SEA626Ra	Mouse	International Journal of Biological Sciences	3.982	21697998	Laboratory of Experimental Embryology, Zoology Department, Mansoura University, Egypt & El-Kuwait
SEA626Ra	Mouse	Toxicology and Applied Pharmacology	3.847	25542992	Department of Pharmacology and Toxicology, Faculty of Pharmacy, Misr University for Science and Technology (MUST), 6th of October City, Giza, Egypt
SEA626Ra	Mouse	Toxicology and Applied Pharmacology	3.791	27687055	Department of Pharmacology and Toxicology, Faculty of Pharmacy, Cairo University, Cairo, Egypt

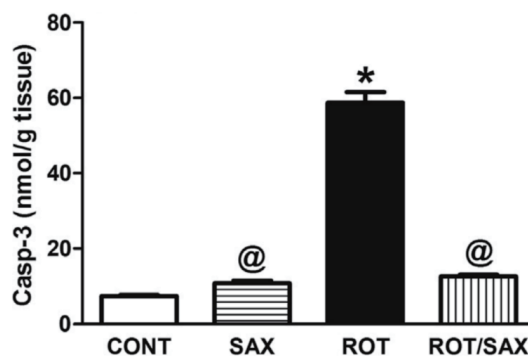
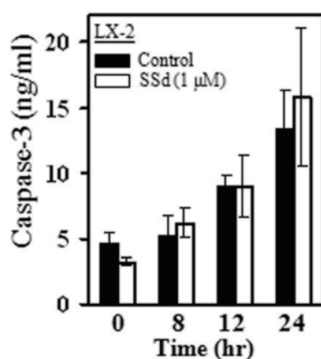
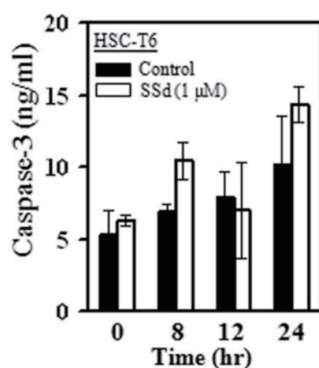


Figure. The protein expression level of **caspase-3** and caspase-9 was also detected by ELISA kits. (Ming-Feng Chen, 2016)  
(Product No.: SEA626Hu Sample type: cell supernatant)

Figure. . Effect of saxagliptin (SAX) on striatal caspase (**Casp**)-3 in rotenone (ROT) induced Parkinson disease in rats. (Noha N. Nassar, 2015)  
(Product No.: SEA626Ra Sample type: serum)

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