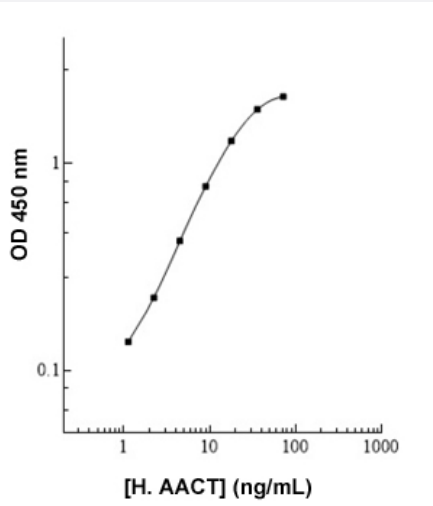
SERPINA3 (Human) ELISA Kit

Catalog # KA6084 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	SERPINA3 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human SERPINA3 in plasma, serum, urine, milk, saliva, CSF, and cell culture samples.
Suitable Sample	Cell Culture Supernatants, CSF, Milk, Plasma, Saliva, Serum and Urine.
Sample Volume	50 uL
Label	Peroxidase-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	1.125 to 72 ng/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)

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Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknown s. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store components of the kit at 4°C or -20°C as described in the protocol.

Applications

- Quantification

Gene Info — SERPINA3

Entrez GeneID	12
Protein Accession#	P01011
Gene Name	SERPINA3
Gene Alias	AACT, ACT, GIG24, GIG25, MGC88254
Gene Description	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3
Omim ID	107280
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a plasma protease inhibitor and member of the serine protea se inhibitor class. Polymorphisms in this protein appear to be tissue specific and influence protea se targeting. Variations in this protein's sequence have been implicated in Alzheimer's disease, a nd deficiency of this protein has been associated with liver disease. Mutations have been identifie d in patients with Parkinson disease and chronic obstructive pulmonary disease. [provided by Ref Seq
Other Designations	alpha-1-antichymotrypsin|antichymotrypsin|growth-inhibiting protein 24|growth-inhibiting protein 25 |serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3|s erine (or cysteine) proteinase inhibitor, clade A, memb

Disease

- Acute Disease
- alpha 1-Antitrypsin Deficiency

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- Alpha-1-antitrypsin deficiency
- Alzheimer disease
- Aneurysm
- Asthma
- Brain Ischemia
- Bronchial Hyperreactivity
- Cardiovascular Diseases
- Cerebral Amyloid Angiopathy
- Cerebral Hemorrhage
- Cerebrovascular Accident
- Chronic Disease
- Cognition
- Cognition Disorders
- Cystic fibrosis
- Dementia
- Diabetes Complications
- Diabetes Mellitus
- Disease Progression
- Edema
- Encephalitis
- Genetic Predisposition to Disease
- Hemorrhage
- Hypercholesterolemia
- Hypersensitivity
- Hypertension
- Inflammation
- Intracranial Aneurysm

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- Kidney Failure
- Lung Neoplasms
- Macular Degeneration
- Mental Status Schedule
- Metabolic Syndrome X
- Multiple System Atrophy
- Myocardial Infarction
- Myocardial Ischemia
- Myositis
- Neoplasms
- Neuropsychological Tests
- Osteoarthritis
- Osteoporosis
- Pancreatitis
- Parkinson disease
- Prostate cancer
- Prostatic Hyperplasia
- Prostatic Neoplasms
- Pulmonary Disease
- Pulmonary Emphysema
- Stroke
- Subarachnoid Hemorrhage
- Vasculitis
- Wegener Granulomatosis

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