



# Rat Alpha-1-antitrypsin(SERPINA1) ELISA kit

<b>Product Code</b>	CSB-EL021053RA
<b>Abbreviation</b>	SERPINA1
<b>Protein Biological Process 1</b>	Immunity
<b>Target Name</b>	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1
<b>Uniprot No.</b>	P17475
<b>Alias</b>	A1A, A1AT, AAT, MGC23330, MGC9222, PI, PI1, PRO2275, OTTHUMP00000197150 protease inhibitor 1 (anti-elastase), alpha-1-antitrypsin serine (or cysteine) proteinase inhibitor, clade A, member 1 serine
<b>Product Type</b>	ELISA Kit
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Protein Biological Process 3</b>	Acute phase
<b>Sample Types</b>	serum, plasma, tissue homogenates
<b>Detection Range</b>	62.5 ng/mL-4000 ng/mL
<b>Sensitivity</b>	15.6 ng/mL
<b>Assay Time</b>	1-5h
<b>Sample Volume</b>	50-100ul
<b>Detection Wavelength</b>	450 nm
<b>Lead Time</b>	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
<b>Research Area</b>	Cardiovascular
<b>Gene Names</b>	Serpina1
<b>Tag Info</b>	quantitative
<b>Protein Description</b>	Competitive
<b>Description</b>	This Rat SERPINA1 ELISA Kit was designed for the quantitative measurement of Rat SERPINA1 protein in serum, plasma, tissue homogenates. It is a Competitive ELISA kit, its detection range is 62.5 ng/mL-4000 ng/mL and the sensitivity is 15.6 ng/mL.
<b>Target Details</b>	This protein is secreted and is a serine protease inhibitor whose targets include elastase, plasmin, thrombin, trypsin, chymotrypsin, and plasminogen activator. Defects in this gene can cause emphysema or liver disease. Several transcript variants encoding the same protein have been found for this gene.