

Chicken Serpin Family F Member 1 (SerpINF1) ELISA Kit-Sandwich

Cat. No.: EK9F275

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Chicken SERPINF1 ELISA Kit-Sandwich is designed for the quantitative determination of Chicken serpin family F member 1 (SERPINF1) in serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids using a Sandwich ELISA method. For research use only.

Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Chicken SERPINF1.
Target Species	Chicken
Species Reactivity	Chicken
Detection Range	0.85-50 ng/mL
Sensitivity	0.16 ng/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 180 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids.

Target Information

Pigment epithelium-derived factor (PEDF), also known as serpin F1 (SERPINF1), is encoded by the *SERPINF1* gene. PEDF has multiple functions, including antiangiogenic, antineoplastic, and neurotrophic properties. In a chicken model infected with *Salmonella Enteritidis*, SERPINF1 decreased both in the liver and serum, which might be a marker of chicken health status.

Target/Biomarker	Chicken SERPINF1
Target Synonym	serpin family F member 1; pigment epithelium-derived factor; serine (or cysteine) proteinase inhibitor clade F (alpha-2 antiplasmin pigment epithelium derived factor) member 1; serine (or cysteine) proteinase inhibitor clade F member 1; serpin peptidase inhibitor clade F (alpha-2 antiplasmin pigment epithelium derived factor) member 1

Gene ID [417561](#)

UniProt ID [A0A8V1ACQ4](#)

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.