



Chicken small heterodimer partner (SHP) ELISA kit

Cat. No.:	0126WXX-1792
Assay Type:	Quantitative ELISA
Target Species:	Chicken
Assay Target:	SHP
Size:	48T; 96T

This product is for research use only and is not intended for diagnostic use.

Product Overview

Description	Chicken small heterodimer partner (SHP) ELISA kit is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of SHP in chicken samples. The kit is highly sensitive and easy to use.
Assay Principle	The ELISA analytical biochemical technique is based on SHP antibody-SHP antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect SHP antigen targets in samples.
Background	Small heterodimer partner (SHP, NR0B2) is a nuclear receptor that functions as a transcriptional corepressor, inhibiting the activity of other nuclear receptors and transcription factors by interfering with coactivator complexes. Through this regulation, SHP modulates metabolic pathways, including glucose and lipid metabolism. Dysregulation or defects in NR0B2 can impair energy balance and fat metabolism, contributing to the development of obesity.
Synonyms	NR0B2; SHP1; Nuclear receptor subfamily 0; Group B; Member 2; Orphan nuclear receptor SHP
Formula Weight	28,058 Da
Applications	Chicken small heterodimer partner (SHP) ELISA kit is used to quantify SHP in serum, plasma, cell culture supernatants, body fluid, tissue homogenate of chicken, providing data to support research in a wide range of areas, including signal transduction, endocrinology, developmental science, hormone metabolism, obesity, and others.

**Research Area**

Signal transduction; Endocrinology; Developmental science; Hormone metabolism; Obesity

Specification**Sample Type**

Serum; Plasma; Cell culture supernatants; Body fluid; Tissue homogenate

Cross-reactivity

No significant cross-reactivity or interference was observed.

Storage

Store at 2-8°C.