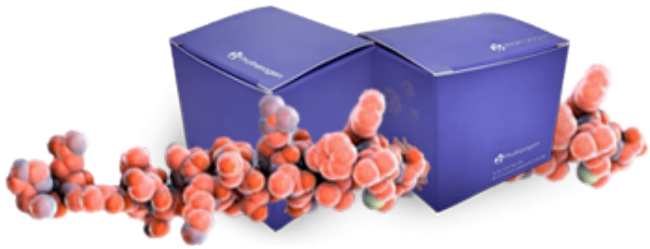
Protheragen Obesity



Chicken elongation of very long chain fatty acids protein 6 (ELOVL6) ELISA kit

Cat. No.:	OB0625WXX-639
Assay Type:	Quantitative sandwich ELISA
Target Species:	Chicken
Assay Target:	ELOVL6
Size:	48T; 96T

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

Product Overview

Description	Chicken elongation of very long chain fatty acids protein 6 (ELOVL6) ELISA kit i s an ELISA-based *in vitro* research tool designed specifically for the qua ntitative detection of ELOVL6 in chicken.
Assay Principle	An antibody specific for ELOVL6 has been pre-coated on the microtiter plate. Sta ndards and samples are pipetted into the wells, and any ELOVL6 present is bound by the immobilized antibody. After removal of unbound material, a biotin-conjuga ted antibody specific for ELOVL6 is added to the wells. After washing, streptavi din-conjugated horseradish peroxidase (HRP) is added to the wells. After washing to remove unbound avidin-enzyme reagent, a substrate solution is added to the w ells, and the color develops in proportion to the amount of ELOVL6 bound in the first step. The color development is stopped, and the intensity of the color is measured.
Background	ELOVL6 is an endoplasmic reticulum-resident enzyme that catalyzes the elongation of saturated and monounsaturated fatty acids with 12 to 16 carbons.
Synonyms	FACE; LCE; 3-keto acyl-CoA synthase ELOVL6; ELOVL fatty acid elongase 6; ELOVL F A elongase 6; Fatty acid elongase 2; hELO2; Fatty acyl-CoA elongase; Long-chain fatty-acyl elongase
Formula Weight	31,268 Da

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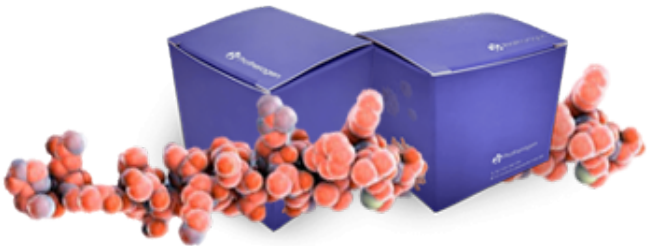

Applications	Chicken elongation of very long chain fatty acids protein 6 (ELOVL6) ELISA kit i s an important tool for the quantitative detection of ELOVL6 in various biologic al samples (serum, plasma, and other biological fluids) of chicken.
Research Area	Lipid metabolism; Obesity research

Specification

Sample Type	Serum; Plasma; Other biological fluids
Cross-reactivity	No significant cross-reactivity or interference was observed.
Storage	Store at 2-8°C.

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