



Goose methylmalonate semialdehyde dehydrogenase (ALDH6A1) ELISA kit

Cat. No.:	OB0625WXX-088
Assay Type:	Quantitative ELISA
Target Species:	Goose
Assay Target:	ALDH6A1
Size:	1 kit

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

Product Overview

Description	Goose methylmalonate semialdehyde dehydrogenase (ALDH6A1) ELISA kit is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of ALDH6A1 in goose with high specificity and sensitivity.
Assay Principle	The kit is based on ALDH6A1 antibody-ALDH6A1 antigen interaction (immunosorbent) and an HRP colorimetric detection system to detect ALDH6A1 antigen targets in samples.
Background	ALDH6A1 is a key enzyme in the catabolic pathways of thymine and valine, playing a crucial role in these important metabolic processes. Studies have found that its dysregulated expression is associated with various diseases.
Synonyms	Aldehyde dehydrogenase 6 family, member A1; Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial; EC 1.2.1.27; Methylmalonate-semialdehyde/malonate-semialdehyde dehydrogenase [acylating], mitochondrial; Malonate-semialdehyde dehydrogenase [acylating]; Mitochondrial acylating methylmalonate-semialdehyde dehydrogenase
EC NO.	1.2.1.27
Formula Weight	56,228 Da
Applications	Goose methylmalonate semialdehyde dehydrogenase (ALDH6A1) ELISA kit is an important tool for the quantitative detection of ALDH6A1 in various biological samples of goose.
Research Area	Metabolism; Obesity research

Specification



Sample Type

Goose samples

Cross-reactivity

No significant cross-reactivity or interference was observed.

Storage

Store at 2-8°C.