



Sheep cathepsin A (CTSA) ELISA kit

Cat. No.:	OB0625WXX-504
Assay Type:	Quantitative ELISA
Target Species:	Sheep
Assay Target:	CTSA
Size:	48T; 96T

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

Product Overview

Description	Sheep cathepsin A (CTSA) ELISA kit is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of CTSA in sheep.
Assay Principle	The kit is based on CTSA antibody-CTSA antigen interactions (immunosorbent) and an HRP colorimetric detection system to detect CTSA antigen targets in samples.
Background	CTSA is a lysosomal serine carboxypeptidase. It binds with the lysosomal enzymes beta-galactosidase and neuraminidase, forming a high-molecular-weight multimeric complex, and has a protective role for their stability and activity.
Synonyms	Protective protein for beta-galactosidase; Galactosialidosis; Carboxypeptidase C ; Carboxypeptidase L; CTS-A; GLB2; GSL; NGBE; PPCA; PPGB; EC 3.4.16.5
EC NO.	3.4.16.5
Formula Weight	37,496 Da
Applications	Sheep cathepsin A (CTSA) ELISA kit is an important tool for the quantitative detection of CTSA in various biological samples of sheep.
Research Area	Metabolism; Homeostasis; Obesity research

Specification

Sample Type	Sheep samples
Cross-reactivity	No significant cross-reactivity or interference was observed.
Storage	Store at 2-8°C.