



## Canine cathepsin A (CTSA) ELISA kit

<b>Cat. No.:</b>	OB0625WXX-486
<b>Assay Type:</b>	Quantitative ELISA
<b>Target Species:</b>	Canine
<b>Assay Target:</b>	CTSA
<b>Size:</b>	48T; 96T

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

### Product Overview

<b>Description</b>	Canine cathepsin A (CTSA) ELISA kit is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of CTSA in canine, which is highly specific and easy to use.
<b>Assay Principle</b>	The kit is based on CTSA antibody-CTSA antigen interactions (immunosorbent) and an HRP colorimetric detection system to detect CTSA antigen targets in samples.
<b>Background</b>	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.
<b>Synonyms</b>	Protective protein for beta-galactosidase; Galactosialidosis; Carboxypeptidase C ; Carboxypeptidase L; CTS-A; GLB2; GSL; NGBE; PPCA; PPGB; EC 3.4.16.5
<b>EC NO.</b>	3.4.16.5
<b>Formula Weight</b>	37,496 Da
<b>Applications</b>	Canine cathepsin A (CTSA) ELISA kit is an important tool for the quantitative detection of CTSA in various biological samples of canine.
<b>Research Area</b>	Metabolism; Homeostasis; Obesity research

### Specification

<b>Sample Type</b>	Canine samples
<b>Cross-reactivity</b>	No significant cross-reactivity or interference was observed.
<b>Storage</b>	Store at 2-8°C.