



Sheep protein unc-13 homolog A (UNC13A) ELISA kit

Cat. No.:	0126WXX-2091
Assay Type:	Quantitative ELISA
Target Species:	Sheep
Assay Target:	UNC13A
Size:	48T; 96T

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

Product Overview

Description	Sheep protein unc-13 homolog A (UNC13A) ELISA kit is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of UNC13A in sheep samples. The kit is highly sensitive and easy to use.
Assay Principle	The ELISA analytical biochemical technique is based on UNC13A antibody-UNC13A antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect UNC13A antigen targets in samples.
Background	UNC13A is a key protein in the exocytosis mechanism, primarily involved in neurotransmitter release, regulating synaptic transmission efficiency by controlling vesicle fusion with the presynaptic membrane. Within neurons, UNC13A plays a crucial role in modulating neural signaling and cellular excitability. It may exert a role in obesity by influencing the release of neurotransmitters associated with appetite regulation.
Synonyms	Munc13-1; Unc-13 homolog A (C. elegans); Unc-13 homolog A
Formula Weight	193,014 Da
Applications	Sheep protein unc-13 homolog A (UNC13A) ELISA kit is used to quantify UNC13A in sheep samples, providing data to support research in a wide range of areas, including neuroscience, signal transduction, and others.
Research Area	Neuroscience; Signal transduction

Specification

**Sample Type**

Sheep samples

Cross-reactivity

No significant cross-reactivity or interference was observed.

Storage

Store at 2-8°C.