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Datasheet for ABIN2748279

CXCL10 ELISA Kit





Overview

Quantity:	96 tests
Target:	CXCL10
Reactivity:	Sheep
Method Type:	Sandwich ELISA
Detection Range:	28-7.000 pg/mL
Minimum Detection Limit:	28 pg/mL
Application:	ELISA

Product Details	
Purpose:	Ovine IP-10 (CXCL10) ELISA Kit for Cell Culture Supernatants, Plasma, and Serum samples.
Sample Type:	Plasma, Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Cross Reactivity: This ELISA kit shows no cross-reactivity with the following cytokines tested: Ovine MIG, Decorin, IFN-gamma, IL-8, IL-17A, IL-21, sFRP-3, TNF-alpha, VEGF-A
Characteristics:	 Strip plates and additional reagents allow for use in multiple experiments Quantitative protein detection Establishes normal range The best products for confirmation of antibody array data
Components:	Pre-Coated 96-well Strip MicroplateWash Buffer

Product Details

- · Stop Solution
- Assay Diluent(s)
- · Lyophilized Standard
- Biotinylated Detection Antibody
- · Streptavidin-Conjugated HRP
- TMB One-Step Substrate

Material not included:

- · Distilled or deionized water
- Precision pipettes to deliver 2 µL to 1 µL volumes
- Adjustable 1-25 µL pipettes for reagent preparation
- 100 µL and 1 liter graduated cylinders
- Tubes to prepare standard and sample dilutions
- · Absorbent paper
- Microplate reader capable of measuring absorbance at 450nm
- · Log-log graph paper or computer and software for ELISA data analysis

Target Details

Target:	CXCL10
Alternative Name:	IP-10 (CXCL10 Products)
Background:	C-X-C motif chemokine
Gene ID:	442997
UniProt:	Q95MZ7

Application Details

Application Notes:	Recommended Dilution for serum and plasma samples2 fold
Sample Volume:	100 μL
Plate:	Pre-coated
Protocol:	1. Prepare all reagents, samples and standards as instructed in the manual.
	2. Add 100 µL of standard or sample to each well.
	3. Incubate 2.5 h at RT or O/N at 4 °C.
	4. Add 100 μL of prepared biotin antibody to each well.
	5. Incubate 1 h at RT.
	6. Add 100 μL of prepared Streptavidin solution to each well.
	7. Incubate 45 min at RT.
	8. Add 100 μL of TMB One-Step Substrate Reagent to each well.
	9. Incubate 30 min at RT.

Application Details

10. Add 50 μL of Stop Solution to each well.

11. Read at 450 nm immediately.

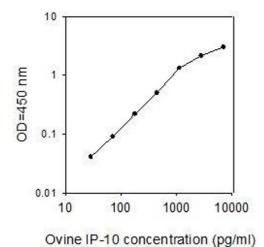
Restrictions:

For Research Use only

Handling

Storage:	-20 °C
Storage Comment:	The entire kit may be stored at -20°C for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it is recommended to store at -80°C.
Expiry Date:	6 months

Images



ELISA

Image 1.