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Datasheet for ABIN5692214

## ICOS ELISA Kit

### 1 Image

#### Overview

Quantity:	96 tests
Target:	ICOS
Binding Specificity:	AA 21-141
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	62.5 pg/mL - 4000 pg/mL
Minimum Detection Limit:	62.5 pg/mL
Application:	ELISA

#### Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human ICOS. 96wells/kit, with removable strips.
Brand:	PicoKine™
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: NSO, Immunogen sequence: E21-F141
Sensitivity:	< 2 pg/mL
Components:	96-well plate precoated with antibody lyophilized recombinant standard

## Product Details

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biotinylated antibody (dilution 1:100)  
Avidin-Biotin-Peroxidase Complex(ABC)(dilution 1:100)  
Sample diluent buffer  
Antibody diluent buffer  
ABC diluent buffer  
TMB color developing agent  
TMB stop solution  
Adhesive cover

## Target Details

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Target:	ICOS
Alternative Name:	ICOS ( <a href="#">ICOS Products</a> )
Background:	<p>Synonyms: Inducible T-cell costimulator, Activation-inducible lymphocyte immunomediatory molecule, CD278, ICOS, AILIM</p> <p>Tissue Specificity: Activated T-cells. Highly expressed on tonsillar T-cells, which are closely associated with B-cells in the apical light zone of germinal centers, the site of terminal B- cell maturation. Expressed at lower levels in thymus, lung, lymph node and peripheral blood leukocytes. Expressed in the medulla of fetal and newborn thymus.</p> <p>Background: Inducible T-cell costimulator is an immune checkpoint protein that in humans is encoded by the ICOS gene. The protein encoded by this gene belongs to the CD28 and CTLA-4 cell-surface receptor family. It forms homodimers and plays an important role in cell-cell signaling, immune responses, and regulation of cell proliferation.</p> <p>Cellular Localisation: Isoform 1: Cell membrane, Single-pass type I membrane protein.</p>
UniProt:	<a href="#">Q9Y6W8</a>
Pathways:	<a href="#">Cancer Immune Checkpoints</a>

## Application Details

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Assay Time:	15 min
Plate:	Pre-coated
Restrictions:	For Research Use only

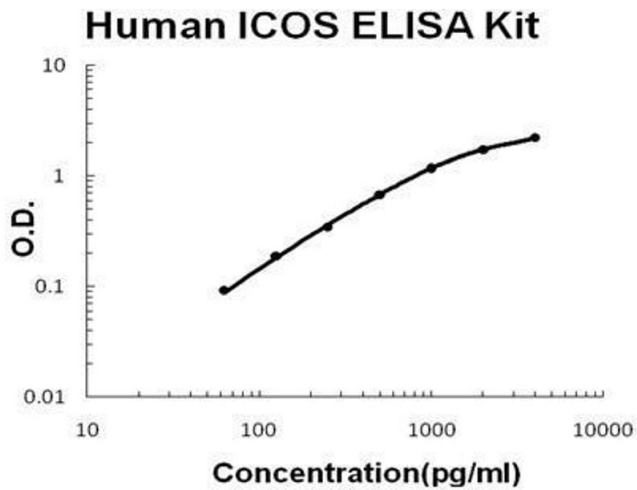
## Handling

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)

Expiry Date: 12 months

## Images



### ELISA

**Image 1.** Human ICOS PicoKine ELISA Kit standard curve