

Human IL-28A AccuSignal ELISA Kit - KOA0598

Code: KOA0598

Size: 1 Kit

Product Description: Human IL-28A AccuSignal ELISA Kit - KOA0598

PhysicalState:

Label	Unconjugated
Gene Name	IFNL2
Species Reactivity	Human
Storage Condition	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
Synonyms	Cytokine ZCYTO20, EG330496, IFN-lambda-2, IFNL2, IL 28A, IL-28A, IL28A, IL28A_HUMAN, Interferon lambda 2, Interferon lambda-2, Interleukin 28A, Interleukin-28A
Application Note	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 8000pg/ml, 4000pg/ml, 2000pg/ml, 1000pg/ml, 500pg/ml, 250pg/ml, 125pg/ml human IL-28A standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of human cell culture supernates, serum or plasma (heparin, EDTA) to each empty well. It is recommended that each human IL-28A standard solution and each sample be measured in duplicate.
Background	Interferon lambda-2, also called IFNL2 or IL28A is a class II cytokine receptor ligand related to type I interferons. This gene is mapped to 19q13.2. This gene encodes a cytokine distantly related to type I interferons and the IL-10 family. This gene, interleukin 28B (IL28B), and interleukin 29 (IL29) are three closely related cytokine genes that form a cytokine gene cluster. It up-regulates MHC class I antigen expression. It also displays antitumor activity. The ligand/receptor complex seems to signal through the Jak-STAT pathway. This gene seems not to be essential for early virus-activated host defense in vaginal infection, but plays an important role in Toll-like receptor (TLR)-induced antiviral defense. It seems play a significant role in the antiviral immune defense in the intestinal epithelium.
Purity And Specificity	Natural and recombinant human IL-28A. There is no detectable cross-reactivity with other relevant proteins.
ELISA	125pg/ml-8000pg/ml
Expiration	See kit insert for complete instructions.
Immunogen	Expression system for standard: NSO; Immunogen sequence: V26-V200
Anti-Coagulant	Heparin Sodium

Related Products

MB-008	10X PBS pH 7.2 (0.2 M Potassium Phosphate 1.5 M Sodium Chloride) - MB-008
MB-012	10X TBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride) - MB-012
MB-013	10X TTBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride 0.1% (w/v) Tween-20) - MB-013
MB-075-1000	10X PBST (0.2 M Potassium Phosphate 1.5 M Sodium Chloride, 0.5% (v/v) Tween-20, pH 7.2) - MB-075-1000

Related Links

UniProtKB - Q8IZJ0

<http://www.uniprot.org/uniprot/Q8IZJ0>

 NCBI - http://www.ncbi.nlm.nih.gov/protein/NP_742150.1
 NP_742150.1

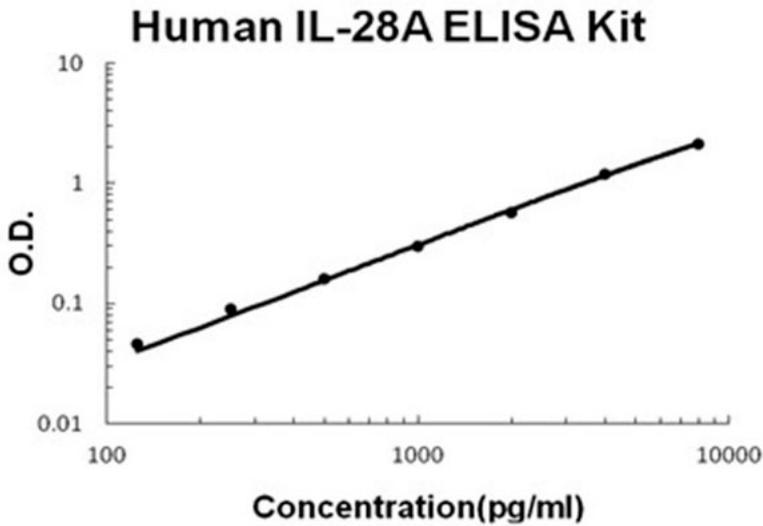
GeneID - 282616

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=282616>

Images

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Human IL-28A AccuSignal ELISA Kit standard curve. Assay Range: 125pg/ml-8000pg/ml. Sensitivity: <10pg/ml.



Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.