

Human REG-4 AccuSignal ELISA Kit - KOA0765

Code: KOA0765

Size: 1 Kit

Product Description: Human REG-4 AccuSignal ELISA Kit - KOA0765

PhysicalState:

Label	Unconjugated
Gene Name	REG4
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	Gastrointestinal secretory protein, GISP, REG IV, REG like protein, REG-4, REG-like protein, Reg4, REG4_HUMAN, Regenerating gene type IV, Regenerating islet derived family member 4, Regenerating islet derived protein 4 precursor, Regenerating islet-derived protein 4, Regenerating islet-derived protein IV, REGIV, RELP
Application Note	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 10,000pg/ml, 5000pg/ml, 2500pg/ml, 1250pg/ml, 625pg/ml, 312pg/ml, 156pg/ml human REG-4 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) to each empty well. It is recommended that each human REG-4 standard solution and each sample be measured in duplicate.
Background	Regenerating islet-derived protein 4 is a protein that in humans is encoded by the REG4 gene. It is mapped to 1p12. REG-4 gene contains 6 exons and that the exon structure is preserved among members of the REG gene family. This gene is able to maintain carbohydrate recognition activity in an acidic environment. REG-4 expression was significantly upregulated by inflammation and tissue injury associated with active Crohn disease and ulcerative colitis, and most of the colorectal tumors overexpressing REG-4 are mucinous tumors or neuroendocrine tumors.
Purity And Specificity	Natural and recombinant human REG-4. There is no detectable cross-reactivity with other relevant proteins.
ELISA	156pg/ml-10,000pg/ml
Expiration	See kit insert for complete instructions.
Immunogen	Expression system for standard: E.coli; Immunogen sequence: D23-P158
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 - Q9BYZ8

<http://www.uniprot.org/uniprot/Q9BYZ8>

 NCBI - http://www.ncbi.nlm.nih.gov/protein/NP_001152824.1

GeneID - 83998

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=83998>

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