Human DKK-1 AccuSignal ELISA Kit - KOA0525

Code: KOA0525 **Size:** 1 Kit

Product Description: Human DKK-1 AccuSignal ELISA Kit - KOA0525

PhysicalState:

Label	Unconjugated
Gene Name	DKK1
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	Dickkopf 1, Dickkopf homolog 1, Dickkopf related protein 1, DKK 1, hDkk 1, hDkk1, mDkk1, SK
Application Note	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 4000pg/ml, 2000pg/ml,1000pg/ml, 500pg/ml, 250pg/ml, 125pg/ml, 62.5pg/ml human DKK1 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 DKK1 standard solution and each sample be measured in duplicate.
Background	Dickkopf-related protein 1 is a protein that in humans is encoded by the DKK1 gene, which was mapped to chromosome 10q11.2. This gene encodes a protein that is a member of the dickkopf family. It is a secreted protein with two cysteine rich regions and is involved in embryonic development through its inhibition of the WNT signaling pathway. Elevated levels of DKK1 in bone marrow, plasma and peripheral blood is associated with the presence of osteolytic bone lesions in patients with multiple myeloma.
Purity And Specificity	Oligomeric forms of natural and recombinant human DKK1. There is no detectable cross-reactivity with other relevant proteins.
ELISA	62.5pg/ml-4000pg/ml
Expiration	See kit insert for complete instructions.
Immunogen	Expression system for standard: sf21; Immunogen sequence: T32-H266
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

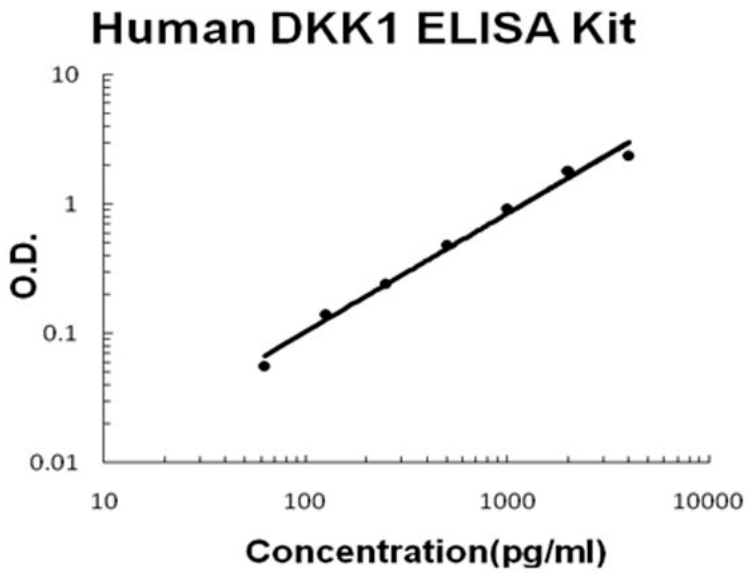
Related Links

	UniProtKB - Q9EQ14
http://www.uniprot.org/uniprot/Q9EQ14	
NCBI - NP_112542.1	http://www.ncbi.nlm.nih.gov/protein/NP_112542.1
	GeneID - 83430
http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=83430	

KOA0525 Protocol	http://www.rockland-inc.com/uploadedfiles/Support/KOA0525-%20SZ.pdf

Images

1	Human DKK-1 AccuSignal ELISA Kit standard curve. Assay Range: 62.5pg/ml-4000pg/ml. Sensitivity: <10pg/ml.



Disclaimer

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