

Datasheet for ABIN6720324
DPP4 ELISA Kit[Go to Product page](#)

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Overview

Quantity:	1 kit
Target:	DPP4
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	312 pg/mL - 20000 pg/mL
Minimum Detection Limit:	312 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Saliva, Serum, Urine
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	<p>Synonyms: ADABP, ADCP-2, ADCP2, Adenosine deaminase complexing protein 2, CD26, Dipeptidyl peptidase 4, Dipeptidyl peptidase 4 soluble form, Dipeptidyl peptidase IV, Dipeptidyl peptidase IV membrane form, Dipeptidyl peptidase IV soluble form, Dipeptidylpeptidase 4, DPP 4, DPP IV, DPP4, DPP4_HUMAN, DPPIV, T-cell activation antigen CD26, TP103</p> <p>Background: Dipeptidyl peptidase-4(DPP4), also known as adenosine deaminase complexing protein 2 or CD26(cluster of differentiation 26) is a protein that, in humans, is encoded by the DPP4 gene. By fluorescence in situ hybridization, the CD26 gene was mapped to 2q24.3. DPP4 plays a major role in glucose metabolism. It is responsible for the degradation of incretins such</p>

Product Details

as GLP-1. Furthermore, it appears to work as a suppressor in the development of cancer and tumours. CD26/ DPP4 plays an important role in tumor biology, and is useful as a marker for various cancers, with its levels either on the cell surface or in the serum increased in some neoplasms and decreased in others.

Gene Name: DPP4

Production: Natural and recombinant human CD26. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: D34-P766

Target Details

Target:	DPP4
Alternative Name:	CD26 - DPP4 (DPP4 Products)
Gene ID:	1803
NCBI Accession:	NP_001926
UniProt:	P27487
Pathways:	Peptide Hormone Metabolism , Regulation of Leukocyte Mediated Immunity

Application Details

Application Notes:	<p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 20000pg/mL, 10000pg/mL, 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL, 312pg/mL human CD26 standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, serum, plasma(heparin, EDTA) saliva or urine to each empty well. It is recommended that each human CD26 standard solution and each sample be measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 312pg/mL-20000pg/mL</p>
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	RT,4 °C,-20 °C
Storage Comment:	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.

Images

