Datasheet for ABIN5692233

DAND5 ELISA Kit

Overview

Quantity:	96 tests
Target:	DAND5
Binding Specificity:	AA 23-189
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 DAND5. 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: E.coli, Immunogen sequence: R23-A189
Sensitivity:	< 10 pg/mL
Components:	96-well plate precoated with antibody
	lyophilized recombinant standard

Product Details

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

Target:	DAND5
Alternative Name:	DAND5 (DAND5 Products)
Background:	Synonyms: DAN domain family member 5, Cerberus-like protein 2, Cerl-2, Cysteine knot superfamily 1, BMP antagonist 3, Gremlin-3, DAND5, CER2, CKTSF1B3, GREM3, SP1 Background: This gene encodes a member of the BMP (bone morphogenic protein) antagonist family. Like BMPs, BMP antagonists contain cystine knots and typically form homo- and heterodimers. The CAN (cerberus and dan) subfamily of BMP antagonists, to which this gene belongs, is characterized by a C-terminal cystine knot with an eight-membered ring. The antagonistic effect of the secreted protein encoded by this gene is likely due to its direct binding to BMP proteins. As an antagonist of BMP, this gene may play a role in regulating organogenesis, body patterning, and tissue differentiation. In mouse, this protein has been shown to bind Nodal and to inhibit the Nodal signaling pathway which patterns left/right body asymmetry. Cellular Localisation: Secreted.
UniProt:	Q8N907

Application Details

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

Handling

Storage:	4 °C,-20 °C

Handling

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