

Human PIF/DCD (Proteolysis Inducing Factor/Dermcidin) ELISA Kit | PIF/DCD elisa kit

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CATALOG #
AAA248304

REACTIVITY
Human

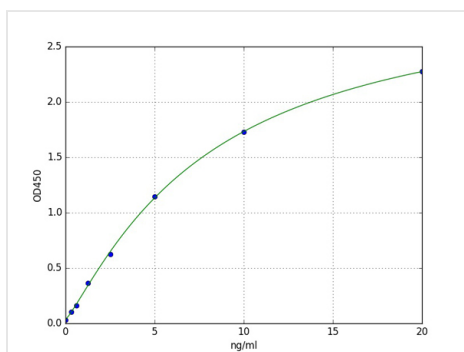
PRODUCT SYNONYMS

PIF/DCD (Proteolysis Inducing Factor/Dermcidin); Human PIF/DCD (Proteolysis Inducing Factor/Dermcidin) ELISA Kit; AIDD; DCD-1; DSEP; HCAP; MGC71930; PIF; diffusible survival; evasion peptide|preproteolysin|proteolysis inducing factor|survival promoting peptide; PIF/DCD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	110
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PIF/DCD elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-PIF/DCD antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-PIF/DCD antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the PIF/DCD amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of PIF/DCD can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20141302
NCBI GeneID	117159
UniProt Accession #	P81605; P58461; Q53YJ2; A5JHP2; A5JHP3
Molecular Weight	8,295 Da
NCBI Official Full Name	Dermcidin
NCBI Official Synonym Full Names	dermcidin
NCBI Official Symbol	DCD
NCBI Official Synonym Symbols	PIF; AIDD; DSEP; HCAP; DCD-1
NCBI Protein Information	dermcidin
UniProt Protein Name	Dermcidin
UniProt Gene Name	DCD
UniProt Synonym Gene Names	AIDD; DSEP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/pif-dcd-proteolysis-inducing-factor-dermcidin/248304>