

Human Junction plakoglobin ELISA Kit | JUP elisa kit

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CATALOG #
AAA102320

REACTIVITY
Human

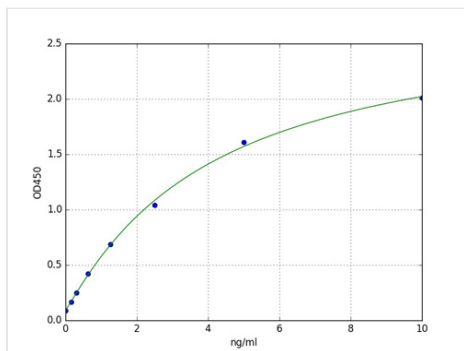
PRODUCT SYNONYMS

Junction plakoglobin; Human Junction plakoglobin ELISA Kit; JUP/Junction plakoglobin/Desmoplakin-3/Catenin gamma/Desmoplakin III; JUP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	745
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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)

Typical Data & Standard Curve

Results of a typical standard run of a Human JUP ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.071	0.153	0.198	0.301	0.525	0.807	1.426	2.356

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for JUP elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human JUP antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human JUP 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 Human JUP amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human JUP can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

12056468

NCBI GeneID	3728
NCBI Accession #	NP_068831.1
NCBI GenBank Nucleotide #	NM_021991.2
Molecular Weight	81,745 Da
NCBI Official Full Name	junction plakoglobin
NCBI Official Synonym Full Names	junction plakoglobin
NCBI Official Symbol	JUP
NCBI Official Synonym Symbols	DP3; PDGB; PKGB; CTNNG; DPIII; ARVD12
NCBI Protein Information	junction plakoglobin
UniProt Protein Name	Junction plakoglobin
UniProt Gene Name	JUP
UniProt Synonym Gene Names	CTNNG; DP3
UniProt Entry Name	PLAK_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/jup-human-elisa-kits/junction-plakoglobin/102320>