

ARG83441 Human beta Catenin ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83441 Human beta Catenin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human beta Catenin in Serum, plasma and cell culture supernatants., Tissue Homogenates
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	beta Catenin
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	6.4 pg/ml
Sample Type	Serum, plasma and cell culture supernatants., Tissue Homogenates
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: less than 10% Inter-Assay CV: less than 10%
Alternate Names	CTNNB; armadillo; MRD19; Catenin beta-1; Beta-catenin

Application Instructions

Assay Time	3.5 hours
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Properties

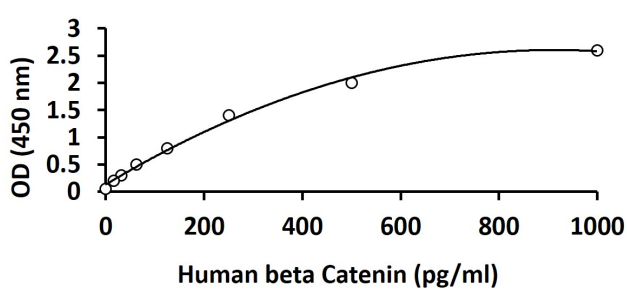
Form	96 well
Storage instruction	Store the kit at 4°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CTNNB1
Gene Full Name	Catenin Beta 1
Background	Catenin is one of the key downstream effectors in the Wnt signaling pathway. It has been implicated to play an important role in early embryonic development and tumorigenesis. β -catenin can be destabilized by GSK-3 β or other kinases by phosphorylating it at serines 33, 37, 45 and threonine 41. Mutations of these phosphorylation sites in β -catenin have been found in many tumor cell lines.
Function	Key downstream component of the canonical Wnt signaling pathway

Highlight	Related products: beta Catenin antibodies ; beta Catenin Duos / Panels ; Anti-Rabbit IgG secondary antibodies ; Related news: Besides tumor suppression, what's p53 busy for during embryogenesis? Wnt / beta-catenin signaling for gastric fundus specification
PTM	Acetylation, Glycoprotein, Phosphoprotein, S-nitrosylation, Ubl conjugation
Cellular Localization	Cell junction, Cell membrane, Cell projection, Cytoplasm, Cytoskeleton, Membrane, Nucleus, Synapse

Images



ARG83441 Human beta Catenin ELISA Kit standard curve image

ARG83441 Human beta Catenin ELISA Kit results of a typical standard run with optical density reading at 450 nm.