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ARG83252
Human CHAD ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83252 Human CHAD ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human CHAD in Serum, Plasma and Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	CHAD
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	25 pg/ml
Detection Range	312 pg/ml - 20,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 4.3% Inter-Assay CV: 4.4%
Alternate Names	Cartilage leucine-rich protein; Chondroadherin; SLRR4A

Application Instructions

Assay Time	~ 5 hours

Properties

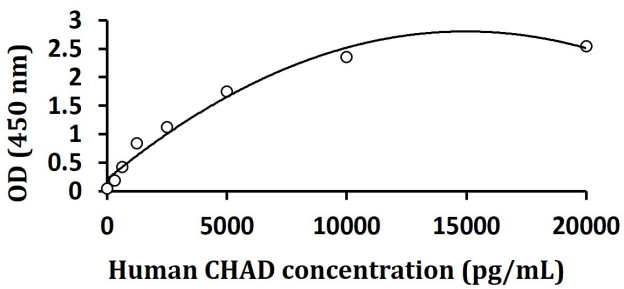
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CHAD
Gene Full Name	chondroadherin
Background	Chondroadherin is a cartilage matrix protein thought to mediate adhesion of isolated chondrocytes. The protein contains 11 leucine-rich repeats flanked by cysteine-rich regions. The chondroadherin messenger RNA is present in chondrocytes at all ages. [provided by RefSeq, Jul 2008]
Function	Promotes attachment of chondrocytes, fibroblasts, and osteoblasts. This binding is mediated (at least for chondrocytes and fibroblasts) by the integrin alpha(2)beta(1). May play an important role in the regulation of chondrocyte growth and proliferation (By similarity). [UniProt]

Cellular Localization	Secreted, extracellular matrix, extracellular space,. [UniProt]

Images



ARG83252 Human CHAD ELISA Kit standard curve image

ARG83252 Human CHAD ELISA Kit results of a typical standard run with optical density reading at 450 nm.