

Product datasheet

info@arigobio.com

ARG83343 Human PKLR ELISA Kit

Package: 96 wells Store at: 4°C

Summary

Product Description ARG83343 Human PKLR ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human PKLR

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 PKLR

Conjugation HRP

Conjugation Note Substrate: TMB and read at 450 nm.

Sensitivity 45 pg/ml

Detection Range 93.7 pg/ml - 6000 pg/ml

Sample Type Serum, Plasma and Cell culture supernatants.

Alternate Names PKR; PKRL; PK1; Pyruvate kinase isozymes L/R; R-type/L-type pyruvate kinase; Pyruvate kinase PKLR;

Pyruvate kinase 1; EC 2.7.1.40; RPK; Red cell/liver pyruvate kinase; PKL

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 PKLR

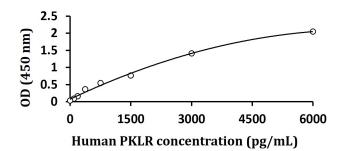
Gene Full Name pyruvate kinase, liver and RBC

Background The protein encoded by this gene is a pyruvate kinase that catalyzes the transphosphorylation of

phohsphoenolpyruvate into pyruvate and ATP, which is the rate-limiting step of glycolysis. Defects in this enzyme, due to gene mutations or genetic variations, are the common cause of chronic hereditary nonspherocytic hemolytic anemia (CNSHA or HNSHA). Multiple transcript variants encoding different

isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Function Plays a key role in glycolysis. [UniProt]



ARG83343 Human PKLR ELISA Kit standard curve image

ARG83343 Human PKLR ELISA Kit results of a typical standard run with optical density reading at 450 nm.