

ARG83340 Human PIGR ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83340 Human PIGR ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human PIGR 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	PIGR
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	150 pg/ml
Detection Range	312 pg/ml - 20000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants.
Alternate Names	Polymeric immunoglobulin receptor; Hepatocellular carcinoma-associated protein TB6; PIgR; Poly-Ig receptor

Application Instructions

Assay Time	~ 5 hours
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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	PIGR
Gene Full Name	polymeric immunoglobulin receptor
Background	This gene is a member of the immunoglobulin superfamily. The encoded poly-Ig receptor binds polymeric immunoglobulin molecules at the basolateral surface of epithelial cells; the complex is then transported across the cell to be secreted at the apical surface. A significant association was found between immunoglobulin A nephropathy and several SNPs in this gene.[provided by RefSeq, Sep 2009]
Function	This receptor binds polymeric IgA and IgM at the basolateral surface of epithelial cells. The complex is then transported across the cell to be secreted at the apical surface. During this process a cleavage occurs that separates the extracellular (known as the secretory component) from the transmembrane segment. [UniProt]

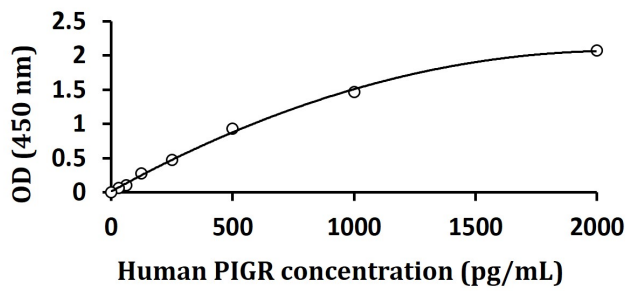
PTM

N-glycosylation is not necessary for Ig binding. [UniProt]

Cellular Localization

Cell membrane, Single-pass type I membrane protein, Secreted. [UniProt]

Images



ARG83340 Human PIGR ELISA Kit standard curve image

ARG83340 Human PIGR ELISA Kit results of a typical standard run with optical density reading at 450 nm.
