ARG83342
Human PILRB ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83342 Human PILRB ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human PILRB 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	PILRB
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	PILRB; Paired Immunoglobin Like Type 2 Receptor Beta; FDFACT1; FDFACT2; Paired Immunoglobulin-Like Type 2 Receptor Beta; Activating Receptor PILR-Beta; Cell Surface Receptor FDFACT; Paired Immunoglobin-Like Type 2 Receptor Beta; Paired Immunoglobulin-Like Receptor Beta; Paired Immunoglobin-Like Receptor Beta; Cell Surface Receptor FDFACT1; Cell Surface Receptor FDFACT2; Activating Receptor PILRbeta; FDFACT

Application Instructions

Assay Time	~ 5 hours

Properties

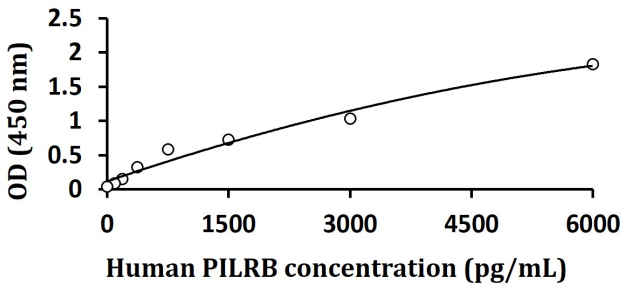
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory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

Bioinformation

Gene Symbol	PILRB
Gene Full Name	Paired Immunoglobin Like Type 2 Receptor Beta
Background	The paired immunoglobin-like type 2 receptors consist of highly related activating and inhibitory receptors that are involved in the regulation of many aspects of the immune system. The paired immunoglobulin-like receptor genes are located in a tandem head-to-tail orientation on chromosome 7. This gene encodes the activating member of the receptor pair and contains a truncated cytoplasmic tail relative to its inhibitory counterpart (PILRA), that has a long cytoplasmic tail with immunoreceptor

	tyrosine-based inhibitory (ITIM) motifs. This gene is thought to have arisen from a duplication of the inhibitory PILRA gene and evolved to acquire its activating function.
Function	Paired receptors consist of highly related activating and inhibitory receptors and are widely involved in the regulation of the immune system. PILRB is thought to act as a cellular signaling activating receptor that associates with ITAM-bearing adapter molecules on the cell surface.
PTM	Glycoprotein
Cellular Localization	Membrane

Images



ARG83342 Human PILRB ELISA Kit standard curve image

ARG83342 Human PILRB ELISA Kit results of a typical standard run with optical density reading at 450 nm.