

ARG83200 Porcine EREG ELISA Kit

Package: 96 wells

Store at: 4°C

Summary

Product Description	ARG83200 Porcine EREG ELISA Kit is an Enzyme Immunoassay kit for the quantification of Porcine EREG in Serum, Plasma and Cell culture supernatants.
Tested Reactivity	Pig
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	EREG
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	1.5 pg/ml
Detection Range	3.9 pg/ml - 250 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 5.2% Inter-Assay CV: 7.1%
Alternate Names	Proepiregulin; EPR; Ep; ER

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.

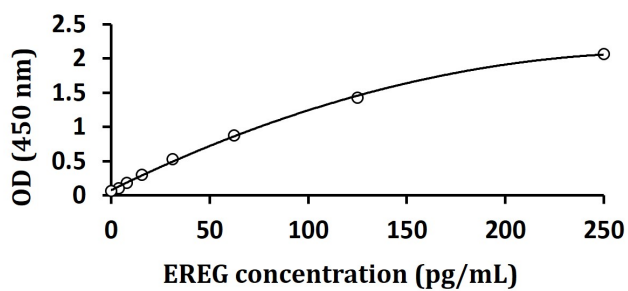
Bioinformation

Gene Symbol	EREG
Gene Full Name	epiregulin
Background	This gene encodes a secreted peptide hormone and member of the epidermal growth factor (EGF) family of proteins. The encoded protein is a ligand of the epidermal growth factor receptor (EGFR) and the structurally related erb-b2 receptor tyrosine kinase 4 (ERBB4). The encoded protein may be involved in a wide range of biological processes including inflammation, wound healing, oocyte maturation, and cell proliferation. Additionally, the encoded protein may promote the progression of cancers of various human tissues. [provided by RefSeq, Jul 2015]

Function Ligand of the EGF receptor/EGFR and ERBB4. May be a mediator of localized cell proliferation. As a mitogen it may stimulate cell proliferation and/or angiogenesis. [UniProt]

Highlight Related products:
[EREG antibodies](#); [EREG ELISA Kits](#);
New ELISA data calculation tool:
[Simplify the ELISA analysis by GainData](#)

Images



ARG83200 Porcine EREG ELISA Kit standard curve image

ARG83200 Porcine EREG ELISA Kit results of a typical standard run with optical density reading at 450 nm.