

ARG83135 Equine FGF acidic ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83135 Equine FGF acidic ELISA Kit is an Enzyme Immunoassay kit for the quantification of Equine FGF acidic in Serum, Plasma and Cell culture supernatants.
Tested Reactivity	Hrs
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	FGF acidic
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15 pg/ml
Detection Range	31.2 pg/ml - 2,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 5.2% Inter-Assay CV: 6.7%
Alternate Names	HBGF1; FGF-1; FGF-alpha; GLIO703; ECGFA; ECGFB; ECGF; Endothelial cell growth factor; FGFA; Acidic fibroblast growth factor; Heparin-binding growth factor 1; Fibroblast growth factor 1; HBGF-1; AFGF; aFGF; ECGF-beta

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	FGF1
Gene Full Name	fibroblast growth factor 1 (acidic)
Background	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein functions as a modifier of endothelial cell migration and proliferation, as well as an angiogenic factor. It acts as a mitogen for a variety of mesoderm- and neuroectoderm-derived

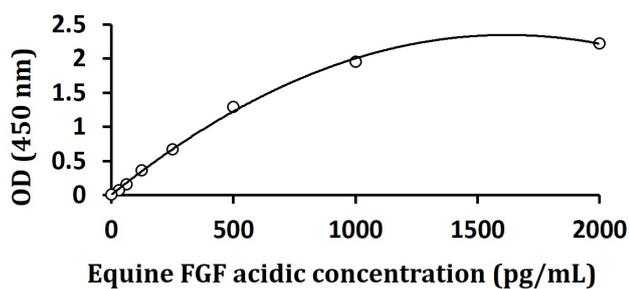
cells in vitro, thus is thought to be involved in organogenesis. Multiple alternatively spliced variants encoding different isoforms have been described.

Function Plays an important role in the regulation of cell survival, cell division, angiogenesis, cell differentiation and cell migration. Functions as potent mitogen in vitro.

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

PTM In the nucleus, phosphorylated by PKC/PRKCD.

Images



ARG83135 Equine FGF acidic ELISA Kit standard curve image

ARG83135 Equine FGF acidic ELISA Kit results of a typical standard run with optical density reading at 450 nm.
