

ARG83334 Human SF20 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83334 Human SF20 ELISA Kit is a high sensitive Enzyme Immunoassay kit for the quantification of Human SF20 in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	SF20
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	75 pg/ml
Detection Range	156 - 10000 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Precision	CV: less than 10%
Alternate Names	MYDGF; Myeloid Derived Growth Factor; R33729_1; C19orf10; IL25; SF20; Interleukin 27 Working Designation; Myeloid-Derived Growth Factor; IL-25; IL-27; IL27w; IL27; Stromal Cell-Derived Growth Factor SF20; Chromosome 19 Open Reading Frame 10; UPF0556 Protein C19orf10; EUROIMAGE1875335; Interleukin-25

Application Instructions

Assay Time	4.5 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.

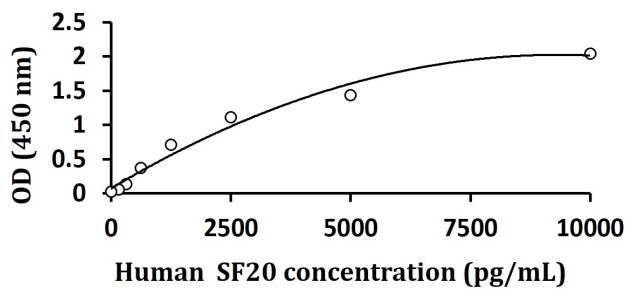
Bioinformation

Gene Symbol	MYDGF
Gene Full Name	Myeloid Derived Growth Factor
Background	The protein encoded by this gene was previously thought to support proliferation of lymphoid cells and was considered an interleukin. However, this activity has not been reproducible and the function of this protein is currently unknown.
Function	Bone marrow-derived monocyte and paracrine-acting protein that promotes cardiac myocyte survival

and adaptive angiogenesis for cardiac protection and/or repair after myocardial infarction (MI). Stimulates endothelial cell proliferation through a MAPK1/3-, STAT3- and CCND1-mediated signaling pathway. Inhibits cardiac myocyte apoptosis in a PI3K/AKT-dependent signaling pathway.

Cellular Localization Endoplasmic reticulum, Golgi apparatus, Secreted

Images



ARG83334 Human SF20 ELISA Kit standard curve image

ARG83334 Human SF20 ELISA Kit results of a typical standard run with optical density reading at 450 nm.