

**ARG82057**  
**Human GDF11 ELISA Kit**Package: 96 wells  
Store at: 4°C

### Summary

Product Description	Human GDF11 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human GDF11 in serum, plasma and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	GDF11
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15.6 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl
Alternate Names	GDF-11; Bone morphogenetic protein 11; BMP11; Growth/differentiation factor 11; BMP-11

### 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	GDF11
Gene Full Name	growth differentiation factor 11
Background	The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in mice and Xenopus suggest that this protein is involved in mesodermal formation and neurogenesis during embryonic development. [provided by RefSeq, Jul 2008]
Function	Secreted signal that acts globally to specify positional identity along the anterior/posterior axis during development. Play critical roles in patterning both mesodermal and neural tissues and in establishing the skeletal pattern. [UniProt]

## Highlight

Related products:

[GDF11 antibodies](#); [GDF11 ELISA Kits](#); [GDF11 recombinant proteins](#);

New ELISA data calculation tool:

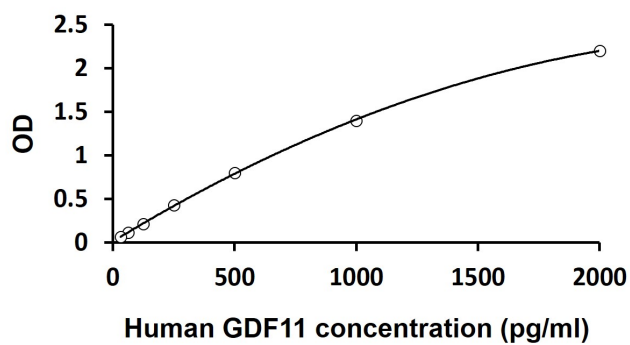
[Simplify the ELISA analysis by GainData](#)

## Cellular Localization

Secreted. [UniProt]

## Images

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ARG82057 Human GDF11 ELISA Kit standard curve image

ARG82057 Human GDF11 ELISA Kit results of a typical standard run with optical density reading at 450 nm.