

ARG82557 Mouse GDNF Receptor alpha 3 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82557-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82557-002	Standard	2 X 10 ng/vial	4°C
ARG82557-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82557-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82557-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82557-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82557-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82557-008	25X Wash buffer	20 ml	4°C
ARG82557-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82557-010	STOP solution	10 ml (Ready to use)	4°C
ARG82557-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82557 Mouse GDNF Receptor alpha 3 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse GDNF Receptor alpha 3 in serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	GDNF Receptor alpha 3
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	10 pg/ml
Sample Type	Serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 5.2%

Inter-Assay CV: 5.7%

Alternate Names

GDNFR-alpha-3; GFR-alpha-3; GDNF family receptor alpha-3; GDNFR3; GDNF receptor alpha-3

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

GFRA3

Gene Full Name

GDNF family receptor alpha 3

Background

The protein encoded by this gene is a glycosylphosphatidylinositol(GPI)-linked cell surface receptor and a member of the GDNF receptor family. It forms a signaling receptor complex with RET tyrosine kinase receptor and binds the ligand, artemin. [provided by RefSeq, Jul 2008]

Function

Receptor for the glial cell line-derived neurotrophic factor, ARTN (artemin). Mediates the artemin-induced autophosphorylation and activation of the RET receptor tyrosine kinase. [UniProt]

Highlight

Related products:

[GDNF Receptor antibodies; GDNF Receptor ELISA Kits;](#)

New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

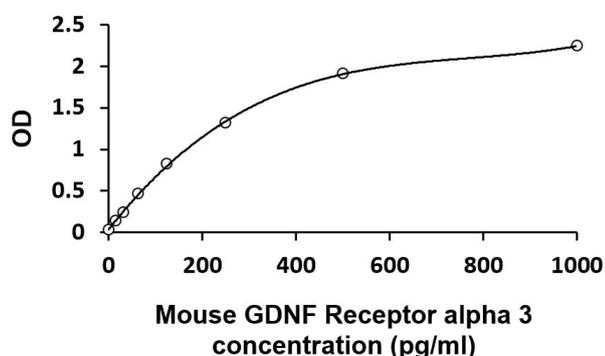
PTM

N-glycosylated. [UniProt]

Cellular Localization

Cell membrane; Lipid-anchor, GPI-anchor. [UniProt]

Images



ARG82557 Mouse GDNF Receptor alpha 3 ELISA Kit standard curve image

ARG82557 Mouse GDNF Receptor alpha 3 ELISA Kit results of a typical standard run with optical density reading at 450 nm.