

ARG81508 Human Nesfatin 1 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81508-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81508-002	Standard	2 X 10 ng/vial	4°C
ARG81508-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81508-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81508-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81508-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81508-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81508-008	25X Wash buffer	20 ml	4°C
ARG81508-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81508-010	STOP solution	10 ml (Ready to use)	4°C
ARG81508-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81508 Human Nesfatin 1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Nesfatin 1 in serum and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	Nesfatin 1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15.6 pg/ml
Sample Type	Serum and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.4% Inter-Assay CV: 6.6%
Alternate Names	HEL-S-109; NEFA; Nucleobindin-2; Gastric cancer antigen Zg4; Prepronesfatin; DNA-binding protein NEFA

Application Instructions

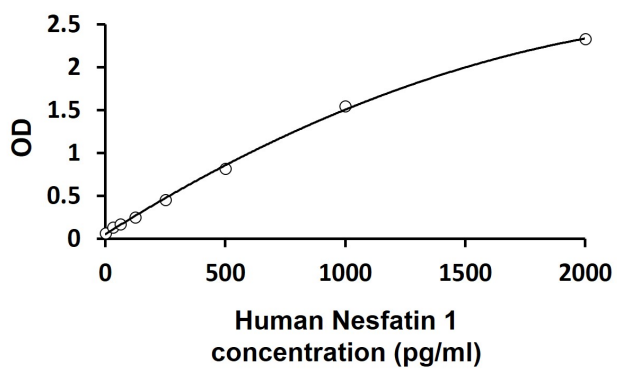
Assay Time	~ 5 hours
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Properties

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	NUCB2
Gene Full Name	nucleobindin 2
Background	This gene encodes a protein with a suggested role in calcium level maintenance, eating regulation in the hypothalamus, and release of tumor necrosis factor from vascular endothelial cells. This protein binds calcium and has EF-folding domains. [provided by RefSeq, Oct 2011]
Function	Calcium-binding protein. May have a role in calcium homeostasis. Nesfatin-1: Anorexigenic peptide, seems to play an important role in hypothalamic pathways regulating food intake and energy homeostasis, acting in a leptin-independent manner. May also exert hypertensive roles and modulate blood pressure through directly acting on peripheral arterial resistance (By similarity). [UniProt]
Highlight	Related products: Nesfatin antibodies ; Nesfatin ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData



ARG81508 Human Nesfatin 1 ELISA Kit standard curve image

ARG81508 Human Nesfatin 1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.