

## ARG80189 Human Heregulin beta1 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG80189-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG80189-002	Standard (Lyophilized)	3 X 2 ng/vial	4°C
ARG80189-003	Standard diluent buffer	20 ml	4°C
ARG80189-004	Antibody conjugate concentrate	400 µl	4°C
ARG80189-005	Antibody diluent buffer	16 ml	4°C
ARG80189-006	HRP-Streptavidin concentrate	400 µl	4°C (Protect from light)
ARG80189-007	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG80189-008	20X Wash buffer	50 ml	4°C
ARG80189-009	TMB substrate	12ml	4°C (Protect from light)
ARG80189-010	STOP solution	12ml	4°C
ARG80189-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG80189 Human Heregulin beta1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Heregulin beta1 in Serum, Plasma, Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Human ErbB2/Fc Chimera, ErbB3/Fc Chimera, ErbB4/Fc Chimera, NRG1- alpha (EGF domain), NRG1 Isoform SMDF
Target Name	NRG1 / Heregulin beta 1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	65 pg/ml
Sample Type	Serum, Plasma, Cell culture supernatants
Standard Range	125 - 8000 pg/ml

Sample Volume	100 µl
Precision	CV:
Alternate Names	Sensory and motor neuron-derived factor; Heregulin; GGF2; Glial growth factor; Acetylcholine receptor-inducing activity; SMDF; ARIA; NRG1-IT2; Neu differentiation factor; HRGA; NDF; Breast cancer cell differentiation factor p45; HGL; GGF; MSTP131; Pro-NRG1; HRG; MST131; HRG1; Pro-neuregulin-1, membrane-bound isoform

## Application Instructions

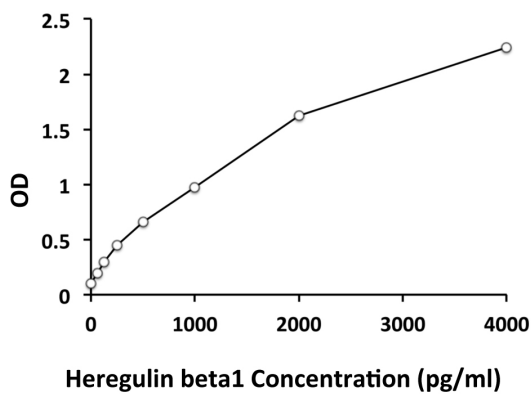
Assay Time	4 hours
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## Properties

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

Database links	<a href="#">GeneID: 3084 Human</a> <a href="#">Swiss-port # Q02297 Human</a>
Gene Symbol	NRG1
Gene Full Name	neuregulin 1
Background	Neuregulin/Heregulin is a family of structurally related polypeptide growth factors derived from alternatively spliced genes (NRG1, NRG2, NRG3 and NRG4). Recombinant human Heregulin-β1 (HRG1-β1) is a 7.5 kDa polypeptide consisting of only the EGF domain of heregulin-b1 (65 amino acid residues).
Highlight	Related products: <a href="#">NRG1 antibodies</a> ; <a href="#">NRG1 ELISA Kits</a> ; New ELISA data calculation tool: <a href="#">Simplify the ELISA analysis by GainData</a>
Research Area	Cancer kit; Neuroscience kit



ARG80189 Human Heregulin beta1 ELISA Kit standard curve image

ARG80189 Human Heregulin beta1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.