

ARG81566 Human ANGPTL3 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81566-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81566-002	Standard	2 X 20 ng/vial	4°C
ARG81566-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81566-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81566-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81566-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81566-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81566-008	25X Wash buffer	20 ml	4°C
ARG81566-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81566-010	STOP solution	10 ml (Ready to use)	4°C
ARG81566-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81566 Human ANGPTL3 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human ANGPTL3 in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	ANGPTL3
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	156 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	312 - 20000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 5.4% Inter-Assay CV: 6.4%
Alternate Names	Angiopoietin-5; FHBL2; Angiopoietin-related protein 3; Angiopoietin-like protein 3; ANL3; ANG-5; ANGPT5

Application Instructions

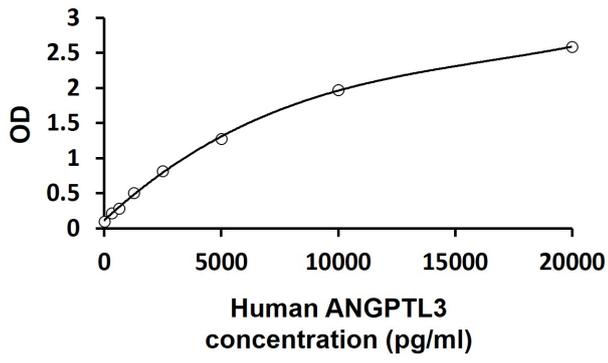
Assay Time	~ 5 hours
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Properties

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	ANGPTL3
Gene Full Name	angiopoietin-like 3
Background	This gene encodes a member of a family of secreted proteins that function in angiogenesis. The encoded protein, which is expressed predominantly in the liver, is further processed into an N-terminal coiled-coil domain-containing chain and a C-terminal fibrinogen chain. The N-terminal chain is important for lipid metabolism, while the C-terminal chain may be involved in angiogenesis. Mutations in this gene cause familial hypobetalipoproteinemia type 2. [provided by RefSeq, Aug 2015]
Highlight	Related products: ANGPTL antibodies ; ANGPTL ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	O-glycosylated at Thr-226 by GALNT2; blocks processing and activation by proprotein convertases. In part proteolytically cleaved by proprotein convertases; proposed to be involved in activation. [UniProt]



ARG81566 Human ANGPTL3 ELISA Kit standard curve image

ARG81566 Human ANGPTL3 ELISA Kit results of a typical standard run with optical density reading at 450 nm.