

Human Angiopoietin Like Protein 8 (ANGPTL8) ELISA Kit | ANGPTL8 elisa kit

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CATALOG #
AAA68162

REACTIVITY
Human

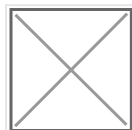
PRODUCT SYNONYMS

Angiopoietin Like Protein 8 (ANGPTL8); Human Angiopoietin Like Protein 8 (ANGPTL8) ELISA Kit; R1FL TD26 C19orf80 Lipasin Betatrophin Hepatocellular Carcinoma-Associated Protein TD26; ANGPTL8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ANGPTL8. No significant cross-reactivity or interference between ANGPTL8 and analogues was observed.
Sequence Length	198
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.061ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ANGPTL8 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ANGPTL8 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANGPTL8 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ANGPTL8 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ANGPTL8. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ANGPTL8. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ANGPTL8, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ANGPTL8 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	291219911
NCBI GeneID	55908
NCBI Accession #	NP_061157.3
NCBI GenBank Nucleotide #	NM_018687.6
UniProt Accession #	Q6UXH0; Q9NQZ1
Molecular Weight	22,105 Da
NCBI Official Full Name	angiopoietin-like protein 8
NCBI Official Synonym Full Names	angiopoietin like 8
NCBI Official Symbol	ANGPTL8
NCBI Official Synonym Symbols	RIFL; TD26; PRO1185; PVPA599; C19orf80
NCBI Protein Information	angiopoietin-like protein 8
UniProt Protein Name	Angiopoietin-like protein 8
UniProt Gene Name	ANGPTL8

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/angiopoietin-like-protein-8-angptl8/68162>