

Human FADS2 ELISA Kit | FADS2 elisa kit

Human FADS2 (Fatty Acid Desaturase 2) ELISA Kit

CATALOG #
AAA165196

REACTIVITY
Human

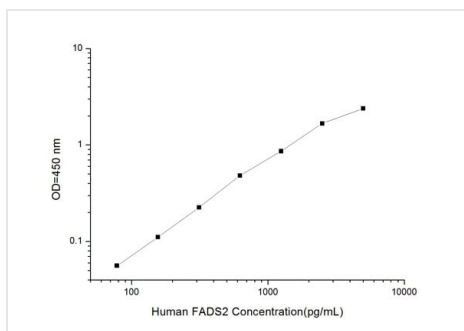
PRODUCT SYNONYMS

FADS2; Human FADS2 (Fatty Acid Desaturase 2) ELISA Kit; FADS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human FADS2. No significant cross-reactivity or interference between Human FADS2 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human FADS2 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	413
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	Min: 46.875pg/mL; Max: 5000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FADS2 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FADS2 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human FADS2. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human FADS2 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human FADS2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human FADS2. You can calculate the concentration of Human FADS2 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	527498297
NCBI GeneID	9415
NCBI Accession #	NP_001268431.1
NCBI GenBank Nucleotide #	NM_001281502.1
UniProt Accession #	O95864; Q6MZQ7; Q96H07; Q96SV8; Q9H3G3; Q9Y3X4; A8K2M6; B7Z634
Molecular Weight	48,883 Da
NCBI Official Full Name	fatty acid desaturase 2 isoform 3
NCBI Official Synonym Full Names	fatty acid desaturase 2
NCBI Official Symbol	FADS2
NCBI Official Synonym Symbols	D6D; DES6; TU13; FADSD6; LLCDL2; SLL0262
NCBI Protein Information	fatty acid desaturase 2; delta(6) desaturase; delta(6) fatty acid desaturase; delta-6 desaturase; delta-6 fatty acid desaturase; delta-6-desaturase; linoleoyl-CoA desaturase (delta-6-desaturase)-like 2
UniProt Protein Name	Fatty acid desaturase 2
UniProt Gene Name	FADS2
UniProt Synonym Gene Names	D6D; Delta(6) desaturase; Delta-6 desaturase
UniProt Entry Name	FADS2_HUMAN

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.