

Human Notch homolog 3 (Drosophila) ELISA Kit | NOTCH3 elisa kit

Human Neurogenic locus notch homolog protein 3, NOTCH3 ELISA Kit

CATALOG #
AAA112739

REACTIVITY
Human

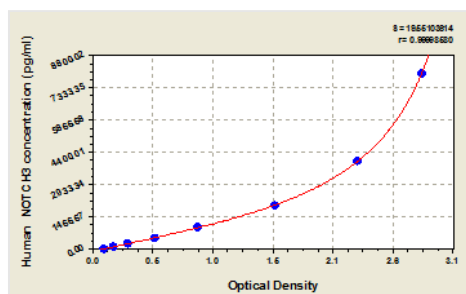
PRODUCT SYNONYMS

Notch homolog 3 (Drosophila); Human Neurogenic locus notch homolog protein 3; NOTCH3 ELISA Kit; Human Neurogenic locus notch homolog protein 3 (NOTCH3) ELISA kit; CADASIL; CASIL; Notch homolog 3; NOTCH3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human NOD2. No significant cross-reactivity or interference between human NOD2 and analogues was observed.
Sequence Length	2321
Samples	Serum, Plasma, Ascitic Fluid, Tissue Homogenates, Cell Lysates
Assay Type	Quantitative Sandwich
Detection Range	25 pg/ml-1600 pg/ml
Sensitivity	6.25 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NOTCH3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for NOD2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NOD2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NOD2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NOD2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	134244285
NCBI GeneID	4854
NCBI Accession #	NP_000426.2
NCBI GenBank Nucleotide #	NM_000435.2
UniProt Accession #	Q9UM47; Q9UEB3; Q9UPL3; Q9Y6L8
Molecular Weight	243,631 Da
NCBI Official Full Name	neurogenic locus notch homolog protein 3
NCBI Official Synonym Full Names	notch 3
NCBI Official Symbol	NOTCH3
NCBI Official Synonym Symbols	IMF2; CASIL; CADASIL
NCBI Protein Information	neurogenic locus notch homolog protein 3; Notch homolog 3
UniProt Protein Name	Neurogenic locus notch homolog protein 3
UniProt Gene Name	NOTCH3
UniProt Synonym Gene Names	Notch 3
UniProt Entry Name	NOTC3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/notch3-human-elisa-kits/notch-homolog-3-drosophila/112739>