

Human inhibitor of growth family, member 4 ELISA Kit | ING4 elisa kit

Human Inhibitor of growth protein 4, ING4 ELISA Kit

CATALOG #
AAA18033

REACTIVITY
Human

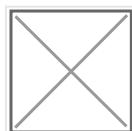
PRODUCT SYNONYMS

inhibitor of growth family; member 4; Human Inhibitor of growth protein 4; ING4 ELISA Kit; Human Inhibitor of growth protein 4 (ING4) ELISA kit; MGC12557; my036; p29ING4; brain my036 protein; candidate tumor suppressor p33 ING1 homolog; ING4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ING4. No significant cross-reactivity or interference between human ING4 and analogues was observed.
Sequence Length	249
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	47 pg/ml -3000 pg/ml.
Sensitivity	The minimum detectable dose of human ING4 is typically less than 11.75 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 ING4 elisa kit

Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ING4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ING4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ING4 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 ING4 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	189083821
NCBI GeneID	51147
NCBI Accession #	NP_001121054.1
NCBI GenBank Nucleotide #	NM_001127582.1
UniProt Accession #	Q9UNL4; Q0EF62; Q0EF63; Q4VBQ6; Q96E15; Q9H3J0; A4KYM4; A4KYM6; D3DUR8
Molecular Weight	28,530 Da
NCBI Official Full Name	inhibitor of growth protein 4 isoform 9
NCBI Official Synonym Full Names	inhibitor of growth family, member 4
NCBI Official Symbol	ING4
NCBI Official Synonym Symbols	my036; p29ING4
NCBI Protein Information	inhibitor of growth protein 4; brain my036 protein; candidate tumor suppressor p33 ING1 homolog
UniProt Protein Name	Inhibitor of growth protein 4
UniProt Gene Name	ING4
UniProt Synonym Gene Names	My036
UniProt Entry Name	ING4_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.

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Online datasheet: <https://stage.aaabiotech.com/ing4-human-elisa-kits/inhibitor-of-growth-family-member-4/18033>