

Nuclear Factor, Interleukin 3 Regulated (NFIL3) CLIA Kit | NFIL3 clia kit

CLIA Kit for Nuclear Factor, Interleukin 3 Regulated (NFIL3)

CATALOG #
AAA130513

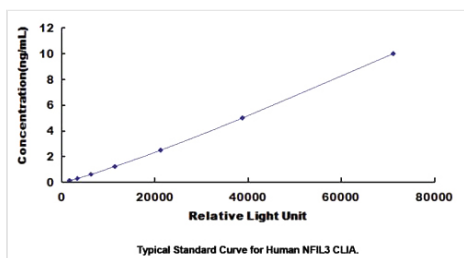
PRODUCT SYNONYMS

Nuclear Factor; Interleukin 3 Regulated (NFIL3); CLIA Kit for Nuclear Factor; NFIL3 clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Nuclear Factor, Interleukin 3 Regulated (NFIL3) No significant cross-reactivity or interference between Nuclear Factor, Interleukin 3 Regulated (NFIL3) and analogues was observed.
Sequence Length	462
Assay Type	Sandwich
Samples	Tissue homogenates and other biological fluids
Detection Range	0.014-10ng/mL The standard curve concentrations used for the ELISA's were 10ng/mL, 3.33ng/mL, 1.11ng/mL, 0.37ng/mL, 0.123ng/mL, 0.041ng/mL, 0.014ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.068ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Nuclear Factor, Interleukin 3 Regulated (NFIL3) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Nuclear Factor, Interleukin 3 Regulated (NFIL3) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Organism Species	Homo sapiens (Human)
Assay Length	4.5 hours
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NFIL3 clia kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated secondary antibody. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Nuclear Factor, Interleukin 3 Regulated (NFIL3) level in the sample or standard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14198274
NCBI GeneID	4783
UniProt Accession #	Q16649; Q14211; Q6FGQ8; Q96HS0; B2R9Y8
Molecular Weight	51,472 Da
NCBI Official Full Name	Nuclear factor, interleukin 3 regulated
NCBI Official Synonym Full Names	nuclear factor, interleukin 3 regulated
NCBI Official Symbol	NFIL3
NCBI Official Synonym Symbols	E4BP4; IL3BP1; NFIL3A; NF-IL3A
NCBI Protein Information	nuclear factor interleukin-3-regulated protein; E4 promoter-binding protein 4; interleukin-3-binding protein 1; transcriptional activator NF-IL3A; nuclear factor interleukin 3 regulated protein; interleukin-3 promoter transcriptional activator
UniProt Protein Name	Nuclear factor interleukin-3-regulated protein
UniProt Gene Name	NFIL3
UniProt Synonym Gene Names	E4BP4; IL3BP1
UniProt Entry Name	NFIL3_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/clia-kits/nuclear-factor-interleukin-3-regulated-nfil3/130513>