

Human ERRFI1 (ERBB receptor feedback inhibitor 1) ELISA Kit | ERRFI1 elisa kit

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CATALOG #
AAA248798

REACTIVITY
Human

PRODUCT SYNONYMS

ERRFI1 (ERBB receptor feedback inhibitor 1); Human ERRFI1 (ERBB receptor feedback inhibitor 1) ELISA Kit; ERRFI1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ERRFI1. No significant cross-reactivity or interference between ERRFI1 and analogues was observed.
Sequence Length	462
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ERRFI1 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ERRFI1 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES

Typical Data & Standard Curve

Results of a typical standard operation of a ERRFI1 ELISA Kit are listed below. This standard curve was generated at our lab for demonstration purpose only. Users shall obtain standard curve as per experiment by themselves. (N/A=not applicable)

X	ng/ml	0	0.156	0.312	0.625	1.25	2.5	5	10
Y	OD450	0.12	0.193	0.243	0.375	0.558	0.885	1.333	1.987

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ERRFI1 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-ERRFI1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- ERRFI1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the ERRFI1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of ERRFI1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10047086
NCBI GeneID	54206
NCBI Accession #	NP_061821.1
NCBI GenBank Nucleotide #	NM_018948.3
UniProt Accession #	Q9UJM3; Q9NTG9; Q9UD05; B2RDX9
Molecular Weight	50,560 Da
NCBI Official Full Name	ERBB receptor feedback inhibitor 1
NCBI Official Synonym Full Names	ERBB receptor feedback inhibitor 1
NCBI Official Symbol	ERRFI1
NCBI Official Synonym Symbols	MIG6; RALT; MIG-6; GENE-33
NCBI Protein Information	ERBB receptor feedback inhibitor 1
UniProt Protein Name	ERBB receptor feedback inhibitor 1
UniProt Gene Name	ERRFI1
UniProt Synonym Gene Names	MIG6; MIG-6

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://www.aaabiotech.com/human-elisa-kits/errfi1-erbb-receptor-feedback-inhibitor-1/248798>