

Erythroid Differentiation Related Factor 1 (EDRF1) CLIA Kit | EDRF1 clia kit

CLIA Kit for Erythroid Differentiation Related Factor 1 (EDRF1)

CATALOG #
AAA129825

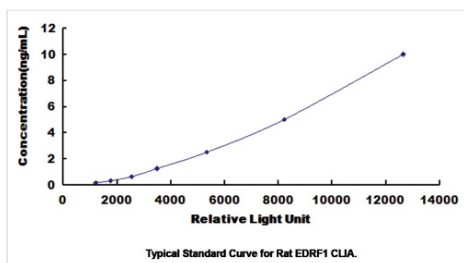
PRODUCT SYNONYMS

Erythroid Differentiation Related Factor 1 (EDRF1); CLIA Kit for Erythroid Differentiation Related Factor 1 (EDRF1); EDRF1 clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Erythroid Differentiation Related Factor 1 (EDRF1) No significant cross-reactivity or interference between Erythroid Differentiation Related Factor 1 (EDRF1) and analogues was observed.
Sequence Length	1238
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 0.072ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Erythroid Differentiation Related Factor 1 (EDRF1) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Erythroid Differentiation Related Factor 1 (EDRF1) 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	Rattus norvegicus (Rat)
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 EDRF1 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 Erythroid Differentiation Related Factor 1 (EDRF1) level in the sample or standard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	321117522
NCBI GeneID	26098
NCBI Accession #	NP_001189367.1
NCBI GenBank Nucleotide #	NM_001202438.1
UniProt Accession #	Q3B7T1; Q3KR40; Q4G190; Q5VZQ4; Q8IZ74; Q9Y3W4; B2RC65
Molecular Weight	138,528 Da
NCBI Official Full Name	erythroid differentiation-related factor 1 isoform 1
NCBI Official Synonym Full Names	erythroid differentiation regulatory factor 1
NCBI Official Symbol	EDRF1
NCBI Official Synonym Symbols	C10orf137
NCBI Protein Information	erythroid differentiation-related factor 1
UniProt Protein Name	Erythroid differentiation-related factor 1
UniProt Gene Name	EDRF1
UniProt Synonym Gene Names	C10orf137
UniProt Entry Name	EDRF1_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/erythroid-differentiation-related-factor-1-edrf1/129825>