

Human Erythroferrone (ERFE) ELISA Kit | ERFE elisa kit

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CATALOG #
AAA18916

REACTIVITY
Human

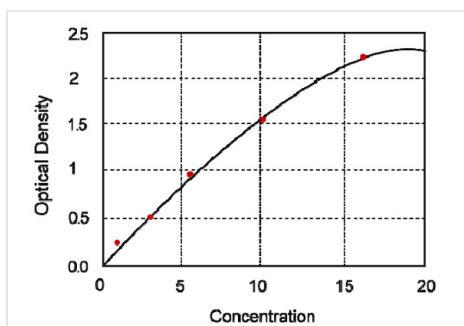
PRODUCT SYNONYMS

Erythroferrone (ERFE); Human Erythroferrone (ERFE) ELISA Kit; ERFE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	354
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-20ng/ml
Sensitivity	0.014ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ERFE elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human ERFE antibody. ERFE present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human ERFE Antibody is added and binds to ERFE in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ERFE antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human ERFE. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Erythroferrone (also known as ERFE) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	628601881
NCBI GeneID	151176
NCBI Accession #	NP_001278761.1
NCBI GenBank Nucleotide #	NM_001291832.1
UniProt Accession #	Q4G0M1; W8S2M9
Molecular Weight	37,279 Da
NCBI Official Full Name	erythroferrone
NCBI Official Synonym Full Names	erythroferrone
NCBI Official Symbol	ERFE
NCBI Official Synonym Symbols	CTRP15; FAM132B; C1QTNF15
NCBI Protein Information	erythroferrone
UniProt Protein Name	Erythroferrone
UniProt Gene Name	ERFE
UniProt Synonym Gene Names	C1QTNF15; CTRP15; FAM132B

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/erythroferrone-erfe/18916>