

Human Iron Responsive Element Binding Protein 2 (IREB2) RTU ELISA Kit | IREB2 rtu elisa kit

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CATALOG #
AAA216531

REACTIVITY
Human

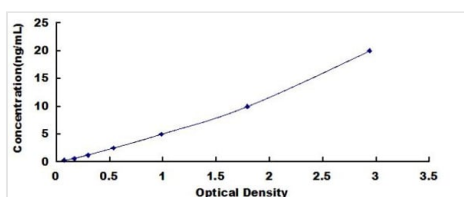
PRODUCT SYNONYMS

Iron Responsive Element Binding Protein 2 (IREB2); Human Iron Responsive Element Binding Protein 2 (IREB2) ELISA Kit; IRP2; Iron regulatory protein 2; IREB2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	713
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.124ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IREB2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IREB2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IREB2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain IREB2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of IREB2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1004170605
NCBI GeneID	3658
NCBI Accession #	NP_001307870.1
NCBI GenBank Nucleotide #	NM_001320941.1
UniProt Accession #	P48200; Q13095; Q1HE21; Q59FQ7; Q8WVK6; Q9UF17; A8KAC7; E1CJT9; H0YKU0
Molecular Weight	37,487 Da
NCBI Official Full Name	iron-responsive element-binding protein 2 isoform 2
NCBI Official Synonym Full Names	iron responsive element binding protein 2
NCBI Official Symbol	IREB2
NCBI Official Synonym Symbols	ACO3; IRP2; IRP2AD; IRE-BP2; IRE-BP 2
NCBI Protein Information	iron-responsive element-binding protein 2
UniProt Protein Name	Iron-responsive element-binding protein 2
UniProt Gene Name	IREB2
UniProt Synonym Gene Names	IRE-BP 2; IRP2

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/human-rtu-elisa-kits/iron-responsive-element-binding-protein-2-ireb2/216531>