

Human Ryanodine receptor 1, RyR1 ELISA Kit | RyR1 elisa kit

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CATALOG #
AAA43099

REACTIVITY
Human

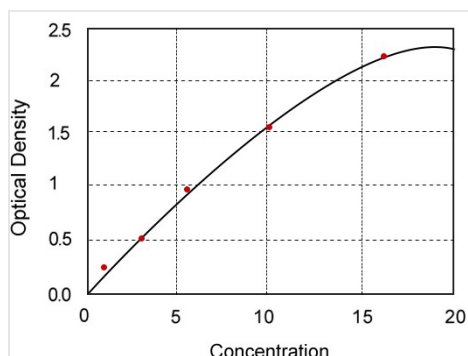
PRODUCT SYNONYMS

Ryanodine receptor 1; RyR1; Human Ryanodine receptor 1; RyR1 ELISA Kit; RyR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	5035
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 30ng/ml
Sensitivity	0.05ng/ml
Intra-Assay	CV<8%
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 RyR1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Ryanodine Receptor (also known as RyR) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human RyR antibody. RyR present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human RyR Antibody is added and binds to RyR in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated RyR 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 RyR. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	145046267
NCBI GeneID	20190
NCBI Accession #	NP_033135.2
NCBI GenBank Nucleotide #	NM_009109.2
UniProt Accession #	E9PZQ0; Q60834; Q61779; Q61780; Q62173; Q62196; Q62235; Q78EJ6; Q7TNG1; Q80UQ5; Q80X16; Q99JF9
Molecular Weight	565,039 Da
NCBI Official Full Name	ryanodine receptor 1
NCBI Official Synonym Full Names	ryanodine receptor 1, skeletal muscle
NCBI Official Symbol	Ryr1
NCBI Official Synonym Symbols	Ryr; skrr; RYR-1; AI528790
NCBI Protein Information	ryanodine receptor 1
UniProt Protein Name	Ryanodine receptor 1
UniProt Gene Name	Ryr1
UniProt Synonym Gene Names	RYR-1; RyR1

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-elisa-kits/ryanodine-receptor-1-ryr1/43099>