

Rat Ryanodine receptor 2 (RYR2) ELISA Kit | RYR2 elisa kit

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CATALOG #
AAA121148

REACTIVITY
Rat

PRODUCT SYNONYMS

Ryanodine receptor 2 (RYR2); Rat Ryanodine receptor 2 (RYR2) ELISA Kit; RYR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	35
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 10ng/ml
Sensitivity	0.024ng/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 RYR2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Ryanodine Receptor 2(also known as RYR2) 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 Rat RYR2 antibody. RYR2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat RYR2 Antibody is added and binds to RYR2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated RYR2 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 Rat RYR2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	327200436
Molecular Weight	4,153 Da
NCBI Official Full Name	RYR2, partial
UniProt Protein Name	RYR2
UniProt Gene Name	RYR2

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/rat-elisa-kits/ryanodine-receptor-2-ryr2/121148>