

Rat Bone morphogenetic protein receptor II, BMPR-II ELISA Kit | BMPR-II elisa kit

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CATALOG #
AAA42273

REACTIVITY
Rat

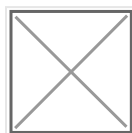
PRODUCT SYNONYMS

Bone morphogenetic protein receptor II; BMPR-II; Rat Bone morphogenetic protein receptor II; BMPR-II ELISA Kit; BMPR-II elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1038
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1.2ng/ml - 60ng/ml
Sensitivity	0.08ng/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 BMPR-II elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	15451916
NCBI GeneID	659

NCBI Accession #	NP_001195.2
NCBI GenBank Nucleotide #	NM_001204.6
UniProt Accession #	Q13873 ; Q13161 ; Q16569 ; Q4ZG08 ; Q53SA5 ; Q585T8
Molecular Weight	59,963 Da
NCBI Official Full Name	bone morphogenetic protein receptor type-2
NCBI Official Synonym Full Names	bone morphogenetic protein receptor type 2
NCBI Official Symbol	BMPR2
NCBI Official Synonym Symbols	BMR2; PPH1; BMPR3; BRK-3; POVD1; T-ALK; BMPR-II
NCBI Protein Information	bone morphogenetic protein receptor type-2
UniProt Protein Name	Bone morphogenetic protein receptor type-2
UniProt Gene Name	BMPR2
UniProt Synonym Gene Names	PPH1; BMP type-2 receptor; BMPR-2; BMP type II receptor; BMPR-II

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/bone-morphogenetic-protein-receptor-ii-bmpr-ii/42273>