

General Marinobufagenin ELISA Kit | MBG elisa kit

General species Marinobufagenin (MBG) (Competitive ELISA) ELISA Kit

CATALOG #
AAA190035

REACTIVITY
General

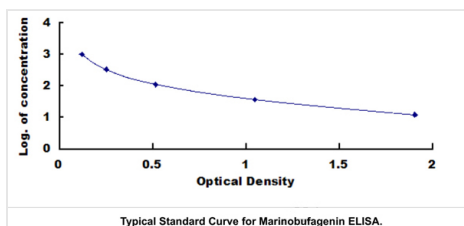
PRODUCT SYNONYMS

Marinobufagenin; General species Marinobufagenin (MBG) (Competitive ELISA) ELISA Kit; Marinobufagin; Marinobufagenin; ELISA Kit for Marinobufagenin (MBG); MBG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay has high sensitivity and excellent specificity for detection of marinobufagenin. No significant cross-reactivity or interference between marinobufagenin and analogues was observed.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	12.35-1,000pg/mL
Sensitivity	< 5.04pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level marinobufagenin were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level marinobufagenin were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MBG elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to marinobufagenin has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled marinobufagenin and unlabeled marinobufagenin (Standards or samples) with the pre-coated antibody specific to marinobufagenin. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of marinobufagenin in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of marinobufagenin in the sample. Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of marinobufagenin in serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
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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/mbg-general-elisa-kits/marinobufagenin/190035>