

Human Marinobufagenin ELISA Kit | MBG elisa kit

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CATALOG #
AAA27461

REACTIVITY
Human

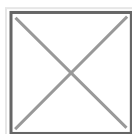
PRODUCT SYNONYMS

Marinobufagenin; Human Marinobufagenin ELISA Kit; MBG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MBG. No significant cross-reactivity or interference between MBG and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between MBG and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 nmol/L
Intra-Assay	CV<10%
Inter-Assay	CV<15%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MBG elisa kit

Principle of the Assay: MBG ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MBG antibody and an MBG-HRP conjugate. The assay sample and buffer are incubated together with MBG-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MBG concentration since MBG from samples and MBG-HRP conjugate compete for the anti-MBG antibody binding site. Since the number of sites is limited, as more sites are occupied by MBG from the sample, fewer sites are left to bind MBG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MBG concentration in each sample is interpolated from this standard curve.

Intended Uses: This MBG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human MBG. This ELISA kit for research use only, not for therapeutic or diagnostic applications!

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/mbg-human-elisa-kits/marinobufagenin/27461>