

Mouse carboxylated matrix Gla protein ELISA Kit | cMGP elisa kit

Mouse carboxylated matrix Gla protein ELISA Kit

CATALOG #
AAA247674

REACTIVITY
Mouse

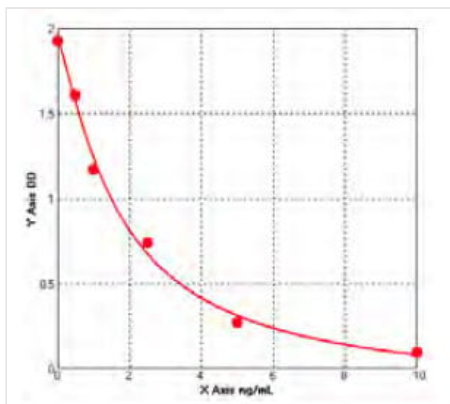
PRODUCT SYNONYMS

carboxylated matrix Gla protein; Mouse carboxylated matrix Gla protein ELISA Kit; cMGP elisa kit

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for cMGP elisa kit	Intended Uses: This CGLA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of MouseCGLA. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CGLA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CGLA antibody and an CGLA-HRP conjugate. The assay sample and buffer are incubated together with CGLA-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 CGLA concentration since CGLA from samples and CGLA-HRP conjugate compete for the anti-CGLA antibody binding site. Since the number of sites is limited, as more sites are occupied by CGLA from the sample, fewer sites are left to bind CGLA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CGLA concentration in each sample is interpolated from this standard curve.
--	---

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/cmgp-mouse-elisa-kits/carboxylated-matrix-gla-protein/247674>