

Human desphospho-carboxylated MGP ELISA Kit | dp-cMGP elisa kit

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CATALOG #
AAA247614

REACTIVITY
Human

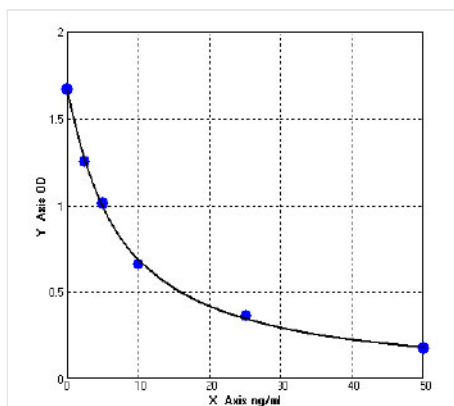
PRODUCT SYNONYMS

desphospho-carboxylated MGP; Human desphospho-carboxylated MGP ELISA Kit; dp-cMGP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of dp-cMGP. No significant cross-reactivity or interference between dp-cMGP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between dp-cMGP 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 dp-cMGP elisa kit	Intended Uses: This dp-cMGP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human dp-cMGP. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: dp-cMGP ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-dp-cMGP antibody and an dp-cMGP-HRP conjugate. The assay sample and buffer are incubated together with dp-cMGP-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 dp-cMGP concentration since dp-cMGP from samples and dp-cMGP-HRP conjugate compete for the anti-dp-cMGP antibody binding site. Since the number of sites is limited, as more sites are occupied by dp-cMGP from the sample, fewer sites are left to bind dp-cMGP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The dp-cMGP concentration in each sample is interpolated from this standard curve.
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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://stage.aaabiotech.com/dp-cmgp-human-elisa-kits/desphospho-carboxylated-mgp/247614>