

Rabbit N-MID-OT (N-MID Osteocalcin) ELISA Kit | N-MID-OT elisa kit

Rabbit N-MID-OT (N-MID Osteocalcin) ELISA Kit

CATALOG #
AAA250565

REACTIVITY
Rabbit

PRODUCT SYNONYMS

N-MID-OT (N-MID Osteocalcin); Rabbit N-MID-OT (N-MID Osteocalcin) ELISA Kit; Osteocalcin; Bone Gla protein (BGP); Gamma-carboxyglutamic acid-containing protein; BGLAP; N-MID-OT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of N-MID-OT. No significant crossreactivity or interference between N-MID-OT and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	7.813-500pg/ml
Sensitivity	4.688pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for N-MID-OT elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	730242
UniProt Accession #	P39056
Molecular Weight	5,431 Da
NCBI Official Full Name	Osteocalcin
UniProt Protein Name	Osteocalcin
UniProt Gene Name	BGLAP
UniProt Synonym Gene Names	BGP

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://www.aaabiotech.com/rabbit-elisa-kits/n-mid-ot-n-mid-osteocalcin/250565>