

MN (Metanephrine) ELISA Kit | MN elisa kit

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CATALOG #
AAA174576

PRODUCT SYNONYMS

MN (Metanephrine); MN (Metanephrine) ELISA Kit; MN elisa kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of beta-CTx. No significant cross-reactivity or interference between beta-CTx and analogues was observed.
Samples	Serum, Plasma, Tissue Homogenates And Other Biological Fluids
Assay Type	Competitive
Detection Range	125-8000pg/ml
Sensitivity	< 75pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level beta-CTx were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level beta-CTx were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%

ADDITIONAL INFORMATION

Related Product Information for MN elisa kit	Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with beta-CTx. During the reaction, beta-CTx in the sample or standard competes with a fixed amount of beta-CTx on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to beta-CTx. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin(SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of beta-CTx in the samples is then determined by comparing the O.D. of the samples to the 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://www.aaabiotech.com/elisa-kits/mn-metanephrine/174576>