

General 3-NT ELISA Kit | 3-NT elisa kit

3-NT (3-Nitrotyrosine) ELISA Kit

CATALOG #
AAA165412

REACTIVITY
General

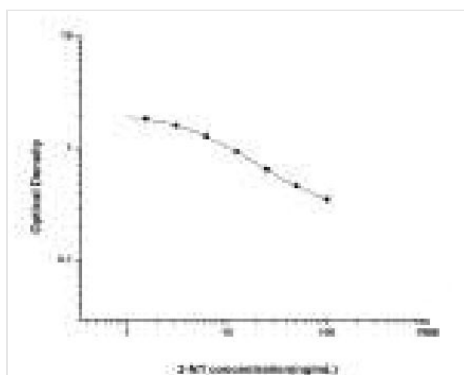
PRODUCT SYNONYMS

3-NT; 3-NT (3-Nitrotyrosine) ELISA Kit; 3-NT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This kit recognizes 3-NT in samples. No significant cross-reactivity or interference between 3-NT and analogues was observed
Assay Type	Quantitative Competitive
Samples	Serum, plasma and other biological fluids
Detection Range	1.56-100 ng/mL
Sensitivity	0.94 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level 3-NT were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level 3-NT were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 3-NT elisa kit	Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been precoated with 3-NT. During the reaction, 3-NT in samples or Standard competes with a fixed amount of 3-NT on the solid phase supporter for sites on the Biotinylated Detection Ab specific to 3-NT. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are 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 stop solution and the color change is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The concentration of 3-NT in the samples is then determined by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of 3-NT concentrations in serum, plasma and other biological fluids.
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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/general-elisa-kits/3-nt/165412>