

Human 3 Nitrotyrosine ELISA Kit | 3 NT elisa kit

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CATALOG #
AAA86517

REACTIVITY
Human

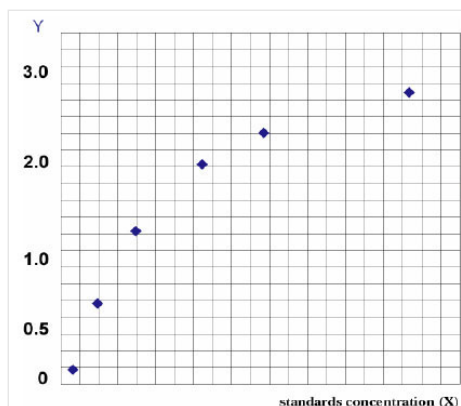
PRODUCT SYNONYMS

3 Nitrotyrosine; Human 3 Nitrotyrosine ELISA Kit; 3 NT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 3 NT elisa kit	Intended Uses: This 3-NT ELISA kit is intended Laboratory for research use only.The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of 3-NT in the sample, this 3-NT ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus 3-NT concentration. The concentration of 3-NT in the samples is then determined by comparing the O.D. of the samples to the standard curve Principle of the Assay: This 3-NT enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for 3-NT. Standards or samples are then added to the microtiter plate wells and 3-NT if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of 3-NT present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for 3-NT are added to each well to "sandwich" the 3-NT immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period.Only those wells that contain 3-NT and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.
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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/3-nt-human-elisa-kits/3-nitrotyrosine/86517>