

Mouse Reactive Nitrogen Species (RNS) ELISA Kit | RNS elisa kit

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CATALOG #
AAA332429

REACTIVITY
Mouse

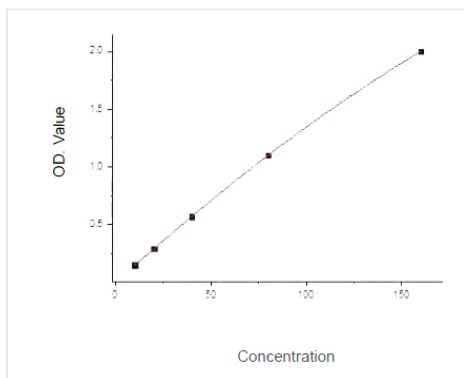
PRODUCT SYNONYMS

Reactive Nitrogen Species (RNS); Mouse Reactive Nitrogen Species (RNS) ELISA Kit; RNS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Mouse serum, cell culture supernates and other biological fluids.
Detection Range	10 U/ml - 160 U/ml
Sensitivity	< 1U/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RNS elisa kit	Background: Reactive nitrogen species (RNS) are various nitric oxide-derived compounds, including nitroxyl anion, nitrosonium cation, higher oxides of nitrogen, S-nitrosothiols, and dinitrosyl iron complexes. Principle of the Assay: Mouse Reactive nitrogen species (RNS) ELISA Kit employs a two-site sandwich ELISA to quantitate RNS in samples. An antibody specific for RNS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RNS present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Mouse RNS detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of RNS bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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/mouse-elisa-kits/reactive-nitrogen-species-rns/332429>