

Nitric Oxide (NO) Assay Kit | NO assay kit

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CATALOG #
AAA332456

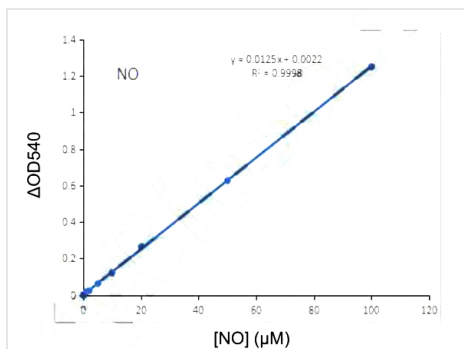
PRODUCT SYNONYMS

Nitric Oxide (NO); Nitric Oxide (NO) Assay Kit; NO assay kit

PRODUCT SPECIFICATIONS

Samples	Animal and Plant Tissues, Cells, Plasma, Serum, Urine (and other Biological Fluids)
Preparation and Storage	Store at -20 degree C and keep from light immediately upon receipt. Kit has a storage time of 12 months from receipt. Refer to list of materials supplied for storage conditions of individual components.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NO assay kit	Principle of the Assay: Nitric oxide (NO) is a reactive radical that plays an important role in many key physiological functions such as neurotransmission, immune response and apoptosis. NO is synthesized from L-arginine by NO synthase (NOS). It has been identified as an endothelial derived relaxation factor (EDRF) and antiplatelet substance. It serves as a neurotransmitter derived from a neutrophil and a cytotoxic substance from an activated macrophage. Although NO's molecular action in the biological system is very versatile, the most important role of NO is the activation of guanylate cyclase. CheKine™ Micro Nitric Oxide (NO) Assay Kit is designed to accurately measure NO production following reduction of nitrate to nitrite by using improved griess method. The Griess assay's mechanism is summarized as the azo coupling between diazonium species, which are produced from sulfanilamide with NO ₂ ⁻ and N-(1-naphthyl) ethylenediamine dihydrochloride, resulting in a colorimetric (540 nm) product proportional to the NO metabolite present.
Product Categories/Family for NO assay kit	Cell Metabolism

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/assay-kits/nitric-oxide-no/332456>