

Micro Food Nitrite Assay Kit

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CATALOG #
AAA332622

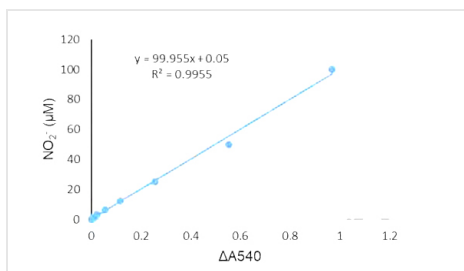
PRODUCT SYNONYMS

Micro Food Nitrite; Micro Food Nitrite Assay Kit; Nitrite; Micro Food Nitrite assay kit

PRODUCT SPECIFICATIONS

Samples	Food
Usage Note	96 Well Microplate is needed. Do not mix or substitute reagents or materials from other kit lots or vendors. Ensure all reagents and equipment are at the appropriate temperature before starting the assay.
Preparation and Storage	Storage at 4 degree C and protected from light upon receipt. Kit has a storage time of 12 months form receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Micro Food Nitrite assay kit	Principle of the Assay: In food, nitrite can combine with myoglobin in meat and become more stable. It can be used as a color retention agent in the food processing industry to maintain the good appearance of meat products, prevent the production of Clostridium botulinum, and improve the safety of edible meat products. However, long-term intake of excessive nitrite food can induce canceration of the digestive system. CheKine™ Micro Food Nitrite Assay Kit provides a simple, convenient and rapid method for the detection of nitrite content. The detection principle is that under acidic conditions, nitrite reacts with p-aminobenzenesulfonic acid to form diazo compounds, and then reacts with NMeI-1-naphthyl ethylenediamine to form purplish red azo compounds with a characteristic absorption peak at 540 nm.
Product Categories/Family for Micro Food Nitrite assay kit	Cytology; Cell Metabolism; Biochemical Assay Kit

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.