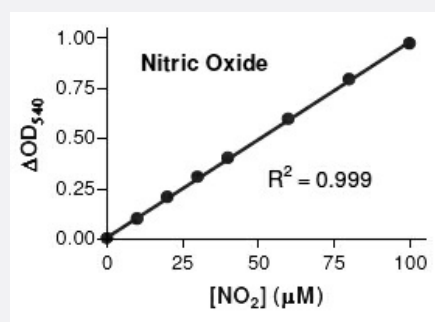


# Nitric Oxide Assay Kit

Catalog # KA1641

Size 1 Kit

## Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

## Specification

|                         |                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Nitric Oxide Assay Kit is a quantitative colorimetric determination of Nitric Oxide at 540 nm.                                                                                                    |
| Suitable Sample         | Cell, Food Sample, Plasma, Serum, Tissue, Urine                                                                                                                                                   |
| Sample Volume           | 100 uL                                                                                                                                                                                            |
| Detection Method        | Colorimetric                                                                                                                                                                                      |
| Assay Type              | Quantitative                                                                                                                                                                                      |
| Regulation Status       | For research use only (RUO)                                                                                                                                                                       |
| Quality Control Testing | Standard Curve<br>The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed. |
| Storage Instruction     | Store standard at -20°C. Store all other components at -20 to 4°C.                                                                                                                                |

## Applications

- Functional Study

## Publication Reference

- [Aerobic exercise improves central blood pressure and blood pressure variability among patients with resistant hypertension: results of the EnRicH trial.](#)

Susana Lopes, José Mesquita-Bastos, Catarina Garcia, Cátia Leitão, Verónica Ribau, Manuel Teixeira, Susana Bertoquini, Ilda P Ribeiro, Joana Barbosa de Melo, José Oliveira, Daniela Figueiredo, Guilherme V Guimarães, Linda S Pescatello, Jorge Polonia, Alberto J Alves, Fernando Ribeiro.

Hypertension Research 2023 Jun; 46(6):1547.

Application: Func, Human, Human plasma

- [Convergently selected NPF2.12 coordinates root growth and nitrogen use efficiency in wheat and barley.](#)

Md Nurealam Siddiqui, Kailash Pandey, Suzan Kumer Bhadury, Bahman Sadeqi, Michael Schneider, Miguel Sanchez-Garcia, Benjamin Stich, Gabriel Schaaf, Jens Léon, Agim Ballvora.

The New Phytologist 2023 Feb; [Epub].

Application: Func, Durum wheat (*Triticum turgidum*), Roots

- [Neutrophil membrane-mimicking nanodecoys with intrinsic anti-inflammatory properties alleviate sepsis-induced acute liver injury and lethality in a mouse endotoxemia model.](#)

Yao Xiao, Chao Ren, Gan Chen, Pan Shang, Xiang Song, Guoxing You, Shaoduo Yan, Yongming Yao, Hong Zhou.

Materials Today. Bio 2022 Mar; 14:100244.

Application: Func, Mouse, NCTC1469 cells

- [SSRI-reduced platelet reactivity in non-responding patients with life-long Recurrent Depressive Disorder: Detection and involved mechanisms.](#)

Aleksovski B, Neceva V, Vujović V, Manusheva N, Rendeovski V, Novotni A, Filipce A, Spasovska A, Sofijanov A, Aleksovski V, Gjorgoski I.

Thrombosis Research 2018 May; 165:24.

Application: Func, Human, Plasma