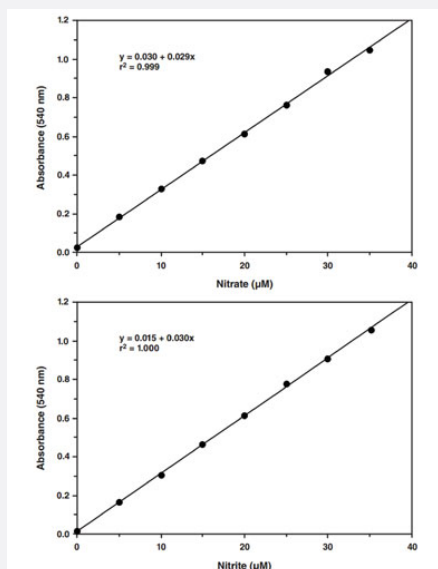


Nitrate/Nitrite Colorimetric Assay Kit

Catalog # KA1342 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	Nitrate/Nitrite Colorimetric Assay Kit is a measurement for detecting total nitrate/nitrite concentration.
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve 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 the kit at -20°C temporarily. For best results, store the components as described in the protocol.

Applications

- Functional Study

Publication Reference

- [Zoonotic Visceral Leishmaniasis: New Insights on Innate Immune Response by Blood Macrophages and Liver Kupffer Cells to Leishmania infantum Parasites.](#)

Armanda Viana Rodrigues, Ana Valério-Bolas, Graça Alexandre-Pires, Maria Aires Pereira, Telmo Nunes, Dário Ligeiro, Isabel Pereira da Fonseca, Gabriela Santos-Gomes.

Biology 2022 Jan; 11(1):100.

Application: Func, Dog, Blood monocyte, Kupffer cells

- [Preexisting Heterogeneity of Inducible Nitric Oxide Synthase Expression Drives Differential Growth of Mycobacterium tuberculosis in Macrophages.](#)

Ophélie Rutschmann, Chiara Toniolo, John D McKinney.

Mbio 2022 Sep; e0225122.

Application: Func, Mouse, Mouse bone marrow-derived macrophage, RAW 264.7 cells

- [Morus macroura Miq. Fruit extract protects against acetic acid-induced ulcerative colitis in rats: Novel mechanistic insights on its impact on miRNA-223 and on the TNF \$\alpha\$ /NF \$\kappa\$ B/NLRP3 inflammatory axis.](#)

Rania M Salama, Samar F Darwish, Ismail El Shaffei, Noura F Elmongy, Nouran M Fahmy, Manal S Afifi, Ghada A Abdel-Latif.

Food and Chemical Toxicology 2022 Jul; 165:113146.

Application: Func, Rat, Rat colon

- [3D-Hepatocyte Culture Applied to Parasitology: Immune Activation of Canine Hepatic Spheroids Exposed to Leishmania infantum.](#)

Armanda V Rodrigues 1, Graça Alexandre-Pires 2, Ana Valério-Bolas 1, David Santos-Mateus 1, Mariana Rafael-Fernandes 1, Maria A Pereira 1 3, Dário Ligeiro 4, Telmo Nunes 5, Raquel Alves-Azevedo, Marcos Santos, Isabel Pereira da Fonseca, Gabriela Santos-Gomes.

Biomedicines 2020 Dec; 8(12):628.

Application: Quant, Canine, Hepatocyte spheroids

- [Canine neutrophils cooperate with macrophages in the early stages of Leishmania infantum in vitro infection.](#)

Pereira MA, Alexandre-Pires G, Câmara M, Santos M, Martins C, Rodrigues A, Adriana J, Passero LFD, da Fonseca IP, Santos-Gomes G.

Parasite Immunology 2019 Feb; e12617.

Application: Func, Dog, PMN, mononuclear cells

- [Beetroot supplementation improves the physiological responses to incline walking.](#)

Waldron M, Waldron L, Lawlor C, Gray A, Highton J.

European Journal of Applied Physiology 2018 Jun; 118(6):1131.

Application: Func, Human, Plasma

- [Synthetic 3',4'-Dihydroxyflavone Exerts Anti-Neuroinflammatory Effects in BV2 Microglia and a Mouse Model.](#)

Kim N, Yoo HS, Ju YJ, Oh MS, Lee KT, Inn KS, Kim NJ, Lee JK.

Biomolecules & Therapeutics 2018 Mar; 26(2):210.

Application: Func, Mouse, BV2 cells

- [Anti-Inflammatory Potential of Gandarusa \(*Gendarussa vulgaris* Nees\) and Soursoup \(*Annona muricata* L\) Extracts in LPS Stimulated-Macrophage Cell \(RAW264.7\).](#)

Laksmiawati DR, Prasanti AP, Larasinta N, Syauta GA, Hilda R, Ramadaniati HU, Widyastuti A, Karami N, Afni M, Rihibiha DD, Kusuma HSW, Widowati W.

Journal of Natural Remedies 2016 Apr; 16(2):73.

Application: Func, Mouse, RAW264.7 Cells