ARG81187
Nitric Oxide Assay Kit

Package: 100 tests
Store at: -20°C

Summary

Product Description	ARG81187 Nitric Oxide Assay Kit is a detection kit for the quantification of Nitric Oxide in plasma, serum, urine, tissue / cell lysate and foods.
Tested Reactivity	Other
Tested Application	FuncSt
Target Name	Nitric Oxide
Conjugation	Un-conjugated
Sensitivity	0.6 µM
Sample Type	Plasma, serum, urine, tissue / cell lysate and foods
Standard Range	30 - 100 µM
Sample Volume	100 µl

Application Instructions

Application Note	Please note that this kit does not include a microplate.
Assay Time	~ 2 hour

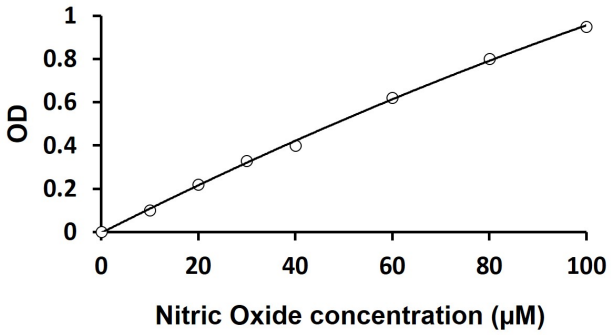
Properties

Form	Liquid
Storage instruction	Store the kit at -20°C. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Background	Nitrogen oxides are a mixture of gases that are composed of nitrogen and oxygen. Two of the most toxicologically significant nitrogen oxides are nitric oxide and nitrogen dioxide; both are nonflammable and colorless to brown at room temperature. Nitric oxide is a sharp sweet-smelling gas at room temperature, whereas nitrogen dioxide has a strong, harsh odor and is a liquid at room temperature, becoming a reddish-brown gas above 70°F. Nitrogen oxides are released to the air from the exhaust of motor vehicles, the burning of coal, oil, or natural gas, and during processes such as arc welding, electroplating, engraving, and dynamite blasting. They are also produced commercially by reacting nitric acid with metals or cellulose. Nitrogen oxides are used in the production of nitric acid, lacquers, dyes, and other chemicals. Nitrogen oxides are also used in rocket fuels, nitration of organic chemicals, and the manufacture of explosives.

Images



ARG81187 Nitric Oxide Assay Kit standard curve image

ARG81187 Nitric Oxide Assay Kit results of a typical standard run with optical density reading at 540 nm.