



Nitric Oxide Content Assay kit

Nitric Oxide (NO) is a highly unstable biological free radical with small molecule, simple structure. NO is gas at room temperature, slightly soluble in water and fat-soluble, which can diffuse through biomembrane quickly. As a new biological messenger molecule, it plays a role in transmitting signals between cells and within cells. It is widely distributed in various tissues, especially neural tissues. It also plays a very important role in the nervous, circulatory, respiratory, digestive and urogenital systems of the body. NO is easily oxidized to form NO₂⁻ in the body or in aqueous solution. Under acidic conditions, NO₂⁻ and Diazonium sulfonamide produce diazo compounds. The compounds could further couple with naphthyl vinyl diamine. The product has a characteristic absorption peak at 550nm and its absorbance value can be measured to calculate the NO content.

Catalog No.	250548
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Storage/Stability	2-8°C/6 months
Shipping	Gel Packs