CREATIVE BIOMART®
Assay Kit

Ultra Sensitive Nitric Oxide Synthase Assay Kit

Product Information

Cat.No.	Kit-0632

Size

1 kit

Storage

1. Store this kit and its components according to the label. The Nitrate Reductase, NADPH Part A and NADPH Part B should be stored at -20°C. The reconstituted Nitrate Reductase may be stored at -20°C for up to six months. The diluted standard curve may be stored at 4°C for up to 24 hours. All other kit components should be stored at 4°C.

Kit Components

Component-Contents-Quantity-StorageReaction Buffer: 20 mM HEPES; 0.5 mM EDTA, 50 mL, 4°C; NADPH Part A: NADP+, Glucose 6-Phosphate, L-Arginine, 1.0 mL, -20°C; NADPH Part B: Glucose 6-Phosphate dehydrogenase, 1.0 mL, -20°C; Nitrate Reductase: Nitrate Reductase, 1 U, -20°C; Nitrate Reductase Buffer: Proprietary buffer, 1.2 mL, 4°C; Color Reagent 1: Sulfanilamide in 3N HCl, 7.0 mL, 4°C; Color Reagent 2: N-(1-Naphthyl) ethylenediamine dihydrochloride, 7.0 mL, 4°C; Nitrite Standard: 500 pmol/µL $NaNO_2$, 1.5 mL, 4°C; Microtiter Plates: 96-well low binding, flat-bottom plate, 1, RT

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