

## NiFe<sub>2</sub>O<sub>4</sub> Nanozymes

Cat. No. NE012

Lot. No. (See product label)

### Product Information

**Size** 10 ml

**Parameter** 1 mg/ml

**Terence of Dimension** 0.01

**Shape** Stripe

**Mimic Activity** Peroxidase

**Description** NiFe<sub>2</sub>O<sub>4</sub> nanozyme is an N-type semiconductor oxide material with cubic spinel (AB<sub>2</sub>O<sub>4</sub>) structure, which is synthesized by hydrothermal method. PH, temperature, pressure, and reaction time during hydrothermal synthesis have been shown to play a decisive role in obtaining semiconductor oxides in the desired size range and improving gas sensing behavior.

**Application** Gaseous detection.

**Purity** 95%+

**Storage Condition** Store at 2-8°C in the dark.

**Shelf Life** 12 months

**Usage** For Research use only.