Creative Enzymes®

Fe_3O_4 Nanozymes

Cat. No. NE006

Lot. No. (See product label)

Product Information

Size	10 ml
Parameter	1 mg/ml
Terence of Dimension	0.01
Shape	Stripe
Mimic Activity	Peroxidase-like and catalase.
Description	Iron oxide nanozymes have mimic enzyme activities. Especially under acidic conditions, they can efficiently catalyze hydrogen peroxide to produce hydroxyl free radicals, and have antibacterial and tumor cell killing functions. At the same time, magnetic iron oxide nanoparticles also have many functions in practice.
Application	Magnetic separation, magnetic resonance imaging, magnetic induction tumor hyperthermia, drug loading and magnetic targeting, long-term sustained release of iron supplementation, promoting the transformation of M1 and M2 macrophages and bone tissue repair.
Purity	95%+
Storage Condition	Store at 2-8°C in the dark.
Shelf Life	12 months
Usage	For Research use only.