

**PRODUCT DATA SHEET****5 nm Iron Oxide Magnetic Nanoparticles (Water Soluble)**

Catalog Numbers:      **IO-A5-1 (1 ml, 5 mg/ml)**  
                                 **IO-A5-5 (5 ml, 5 mg/ml)**  
                                 **IO-A5-10 (10 ml, 5 mg/ml)**

**Characteristics**

**Composition:** 5 nm Iron Oxide Magnetic Nanoparticles (magnetite, Fe<sub>3</sub>O<sub>4</sub>), Superparamagnetic

**Diameter Range:** 5 nm (+/- 1.5 nm)

**Concentration:** 5 mg/ml

**Magnetization:** >25 emu/g (Typical)

**Volume:** 1 ml, 5 ml, 10ml

**Formulation:** Supplied in ddH<sub>2</sub>O

**Storage and Stability**

This product should be stored at 25°C. If stored as specified, Cytodiagnostics Magnetic Nanoparticles have a shelf life of approximately 6 months. **DO NOT FREEZE.**

**Precautions and Disclaimer**

These products are for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet available online at [www.cytodiagnostics.com](http://www.cytodiagnostics.com) for information regarding hazards and safe handling procedures.

**Ordering Information**

For ordering call 866-344-3954 or visit us online.