



## PRODUCT DATA SHEET

### 10 nm Iron Oxide Magnetic Nanoparticles in Toluene

Catalog Numbers:     **IO-O10-10 (2 ml, 5 mg/ml)**  
                              **IO-O10-25 (5 ml, 5 mg/ml)**  
                              **IO-O10-50 (10 ml, 5 mg/ml)**  
                              **IO-O10-100 (20 ml, 5 mg/ml)**

#### Characteristics

**Composition:** 10 nm Iron Oxide Magnetic Nanoparticles (magnetite, Fe<sub>3</sub>O<sub>4</sub>), Superparamagnetic

**Diameter Range:** 10 nm (+/- 1.5 nm)

**Concentration:** 5 mg/ml

**Magnetization:** >45 emu/g

**Volume:** 2 ml, 5 ml, 10 ml & 20 ml formats available

**Formulation:** Supplied in toluene

#### Storage and Stability

This product should be stored at 25°C. If stored as specified, Cytodiagnosics 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.cytodiagnosics.com](http://www.cytodiagnosics.com) for information regarding hazards and safe handling procedures.

#### Ordering Information

For ordering call 866-344-3954 or visit us online at [www.cytodiagnosics-us.com](http://www.cytodiagnosics-us.com)