



## PRODUCT DATA SHEET

### 20 nm Iron Oxide Magnetic Nanoparticles (Water Soluble)

Catalog Numbers:      **IO-A20-1 (1 ml, 5 mg/ml)**  
                                 **IO-A20-5 (5 ml, 5 mg/ml)**  
                                 **IO-A20-10 (10 ml, 5 mg/ml)**

#### Characteristics

**Composition:** 20 nm Iron Oxide Magnetic Nanoparticles (magnetite,  $\text{Fe}_3\text{O}_4$ ), Superparamagnetic  
**Diameter Range:** 20 nm (+/- 3 nm)  
**Concentration:** 5 mg/ml  
**Magnetization:** >20 emu/g  
**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, 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.com](http://www.cytodiagnosics.com)