

## PRODUCT DATA SHEET

### Transferrin - 5nm Gold Conjugate (0.5ml)

**Catalog No. AC-5-07-05**

**Size: 0.5ml**

#### Description

Transferrin coupled to 5nm gold nanoparticle. Suitable for use in cellular uptake studies. Can be detected using light microscopy (requires silver enhancement), darkfield microscopy, and electron microscopy.

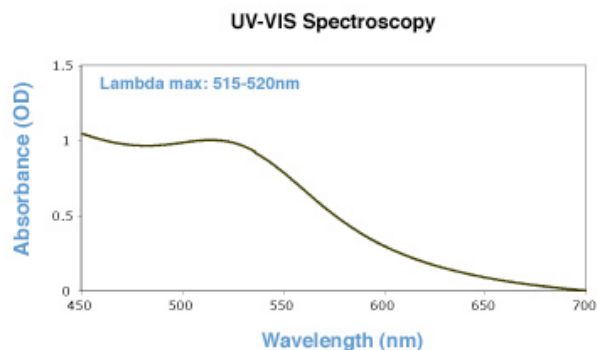
Provides a permanent and sensitive label (100pg or less) when used in conjunction with Cytodiagnostics membrane and microscopy silver enhancer kits, see related product below.

**Concentration:** 0.15 mg/ml (OD=3)

**Conjugated Protein:** Holo-Transferrin (Human)

**Storage Buffer:** 0.01M PBS (pH 7.4), 20% glycerol (v/v), 1% BSA

**Working Dilution:** 1:10 – 1:100



#### Storage

Store undiluted in storage buffer at 2-8° C. Stable for at least 4 months if stored as specified.

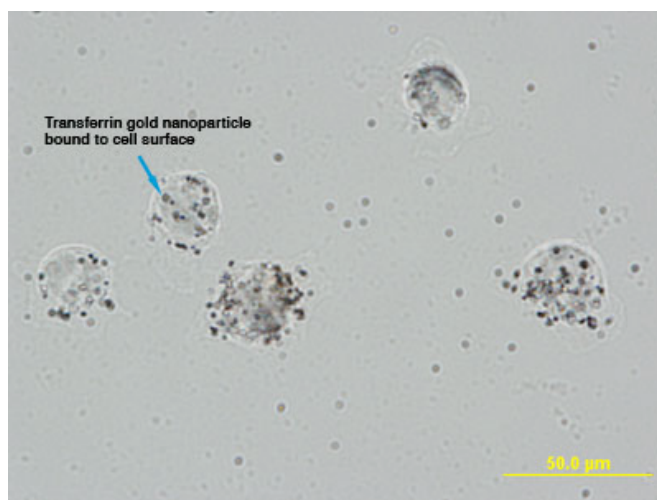
#### Product Safety and Handling

This product is for R&D use only, not for drug, household, or other uses. Please review the material safety datasheet (MSDS) available online for proper safety and handling procedures.

#### Related Products

Silver Enhancer Kit for Membranes Cat No. SR-01-02

Silver Enhancer Kit for Microscopy Cat No. SR-01-01



**Figure 1.** Transferrin conjugated gold nanoparticles bound to A549 cells. Enhanced using Cytodiagnostics [Silver Enhancement Kit for Microscopy](#) for detection with light microscopy.

#### Ordering Information

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