

PRODUCT DATA SHEET

Transferrin - 40nm Gold Conjugate (1ml)

Catalog No. AC-40-07 **Size:** 1ml

Description

Transferrin coupled to 40nm 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.

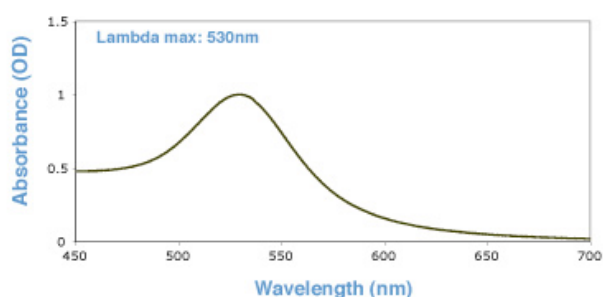
Concentration: 0.15 mg/ml (OD=3)

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

UV-VIS Spectroscopy



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

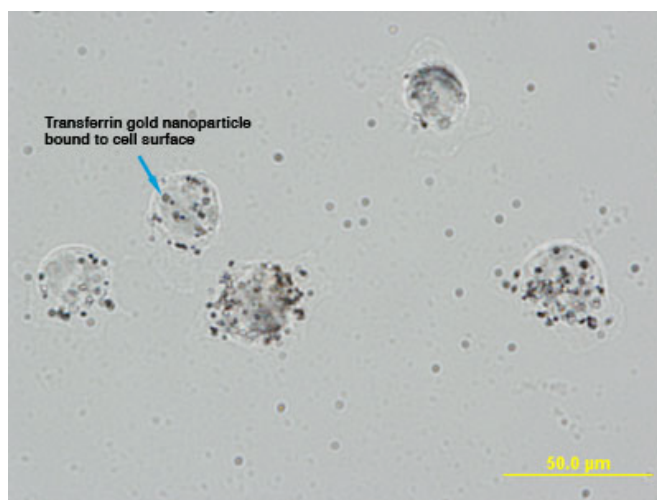


Figure 1. Transferrin conjugated gold nanoparticles bound to A549 cells. Enhanced using Cytodiagnostics [Silver Enhancement Kit for Microscopy](#) for detection with light microscopy.

Ordering Information

For ordering call 866-344-3954 or visit us online at www.cytodiagnostics.com