PRODUCT INFORMATION

Catalog Number: CCG-1013-5

Description: N-Acetylg glucosamine Beta-O-BSA Colloidal Gold Conjugate, 5nm Particle Size, 1mL

Lot Number:

Expiration Date:

Protein Concentration: 10-20µg/ml

HAuCl₄ Concentration: OD 520 = 1.0

Buffer: Stored in 0.002M Sodium Borate, pH 8.5 - 9.0

Storage: DO NOT FREEZE! Store at 5-8°C.

Other Data: Absorbance peak at 520nm. CONTAINS 0.02% SODIUM AZIDE AS A PRESERVATIVE. Gently resuspend any sediment. If necessary, clarify by centrifugation at 400-500 x g for ten minutes before use.

Quality Control: Procedure developed by EY Laboratories, Inc.

References:
**SOLUBILITY:**
All liquids are completely miscible in water and biological buffers.

**APPEARANCE:**
Light burgundy to purple liquid. 2nm - pale yellowish-brown liquid.

**EXPOSURE:**
**OVEREXPOSURE:**
None established. The toxicological properties of these products have not been thoroughly investigated. Care should be taken when handling any of these materials.

**SYNONYM(S):**
Complex polypeptides, enzymes, lectins, antibodies, and ligands coupled to colloidal gold or silver particles. Also, unconjugated colloidal gold particles.

**EMERGENCY INFORMATION**
EY Laboratories, Inc.
107 North Amphlett Blvd.
San Mateo, CA 94401

**HAZARDOUS COMPONENTS**
Specific protein or ligand as listed on the vial label. These solutions contain less than 0.1mg per ml. Biological activity of these proteins will vary. Although these materials are not generally considered to be hazardous they may cause allergic responses in sensitive individuals if inhaled or allowed to contact skin. Adriamycin and Neomycin are both used in cancer therapy and are cytoxic.

**EXTREME CARE** should be used when handling either of these two items. The colloidal gold and colloidal silver solutions are potentially caustic and will temporarily discolor the skin. Most solutions contain 0.02% sodium azide as a preservative.

**HEALTH HAZARD INFORMATION**
None established. The toxicological properties of these products have not been thoroughly investigated. Care should be taken when handling any of these materials.

**EFFECTS OF OVEREXPOSURE:**
Any of these proteins may cause acute localized eye, skin, or mucous membrane irritation. Some sensitive individuals may develop a chronic allergic reaction with exposure.

**ROUTES OF EXPOSURE:**
Skin, eye, and mucous membrane contact. Care should be taken to avoid the formation of aerosols when handling any of these solutions.

**PHYSICAL CHARACTERISTICS**

**APPEARANCE:**
Light burgundy to purple liquid. 2nm - pale yellowish-brown liquid.

**SOLUBILITY:**
All liquids are completely miscible in water and biological buffers.