

## How do I covalently bind antibodies and oligos to your Spherical Gold Nanoparticles?

There are three ways to covalently bind your antibodies to our gold nanoparticles via a polymer linkage:

### 1. Have us do it. PN#22-PC-1 for spheres.

- 1) Send us your antibody or oligo with a primary amine and tell us what size and shape gold nanoparticle you would like conjugated.
- 2) We will send you 50 OD-mls of antibody conjugated gold that has been quality tested using dynamic light scattering for size and charge.
- 3) Delivery time 1-2 weeks.
- 4) Doesn't work: No charge. Does work: \$995. With a 50% yield, the price is an economical \$10/OD-ml.
- 5) Want quantity pricing? Please contact our customer service.
- 6) Spheres: 22-PC-1, please include sphere size.
- 7) Rods: 32-PC-1, please include nanorod size (10 or 25) and peak SPR of the rod (550-850).
- 8) Price is \$995

### 2. You want to do it yourself. Kit for conjugating IgG to our carboxyl polymer gold nanoparticles using EDC chemistry. PN#21-PC-KIT1.

- 1) Kit comes with our 50 OD-mls of carboxyl polymer spherical gold nanoparticles, linkage chemicals, procedure, and IgG.
- 2) Customer specifies size of spheres.
- 3) Kit includes procedures for purification and quality testing.
- 4) This kit is guaranteed.
- 5) Price \$795.

### 3. You've done it using our PN#21-PC-KIT1, and now you would like to do it yourself for your antibody to our spherical gold nanoparticles. PN#21-PC-KIT2.

- 1) Kit comes with 50 OD-mls of gold nanoparticles, and linkage chemicals.
- 2) Customer specifies size of spherical gold nanoparticles.
- 3) This kit does not come with the instructions necessary – this comes in the KIT1.
- 4) Price \$595.