


Gold nanoparticles specifically engineered for conjugation to your antibodies, proteins, and nucleic acids


2 DIFFERENT PARTICLES


 **Gold Nanospheres**
The industry standard

 **Gold Nanoshells**
For enhanced sensitivity

4 DIFFERENT SURFACES

 **Bare (Citrate)/Carbonate**
Efficient adsorption

 **NHS**
Rapid covalent conjugation – no activation required

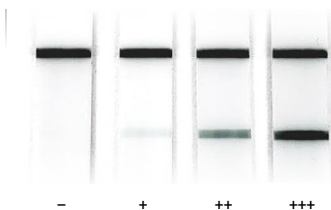
 **Carboxyl (-COOH)**
Reliable covalent conjugation

 **Streptavidin**
For biotin coupling

RECOMMENDED PRODUCTS FOR LATERAL FLOW

150 nm Carboxyl Gold Nanoshells

- Up to 20x increase in sensitivity
- Dark colored band for strong contrast
- Faster & more accurate detection



Covalent Conjugation Kits

- Convenient & easy to use with detailed protocol
- Quickly optimize & improve conjugate performance
- Multiplexing with red & green/blue colors



Colloidal Gold for Passive Conjugation

- Robust & reproducible performance
- Competitive bulk pricing
- No royalty or licensing fees



Free samples available!

Covalent Conjugation	Particle Type	SKU	OD	Product Features	
Conjugation Kit with Optimization	150 nm Gold Nanoshells	GSZR150-10M	20	2 hour technical consulting	
		GSZR150-10MC	20	6 hour technical consulting	
	40 nm Carboxyl Gold	AUZR40-10M	20	2 hour technical consulting	
		AUZR40-10MC	20	6 hour technical consulting	
	80 nm Carboxyl Gold	AUZR80-10M	20	2 hour technical consulting	
		AUZR80-10MC	20	6 hour technical consulting	
NHS Conjugation Kit	150 nm Gold Nanoshells	GSNR150-3SRF	20	3 aliquots × 100 µL	
		GSNR150-10SRF	20	10 aliquots × 100 µL	
		GSNR150-1LRF	20	1 aliquot × 1 mL	
	40 nm Gold	AUNR40-3SRF	20	3 aliquots × 50 µL	
		AUNR40-10SRF	20	10 aliquots × 50 µL	
		AUNR40-1LRF	20	1 aliquot × 500 µL	
Streptavidin Gold Conjugate	150 nm Gold Nanoshells	GSIR150-200U	10	200 µL	
		GSIR150-1M	10	1 mL	
		GSIR150-5M	10	5 mL	
		GSIR150-10M	10	10 mL	
	40 nm Gold	AUIR40-200U	10	200 µL	
		AUIR40-1M	10	1 mL	
		AUIR40-5M	10	5 mL	
		AUIR40-10M	10	10 mL	
Gold Reagent	150 nm Gold Nanoshells	GSXR150-5M	20	5 mL	
		GSXR150-30M	20	30 mL	
		GSXR150-100M	20	100 mL	
	40 nm Gold	AUXR40-5M	20	5 mL	
		AUXR40-30M	20	30 mL	
		AUXR40-100M	20	100 mL	
	80 nm Gold	AUXR80-5M	20	5 mL	
		AUXR80-30M	20	30 mL	
		AUXR80-100M	20	100 mL	
	<i>Bulk quantities and discounts available. Please contact info@nanocomposix.com for pricing.</i>				
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Passive Conjugation	Particle Type	SKU	OD	Product Features	
Gold Reagent	40 nm Citrate Gold	AUCR40-5M	20	5 mL	
		AUCR40-30M	20	30 mL	
		AUCR40-100M	20	100 mL	
	40 nm Carbonate Gold	AUKR40-5M	20	5 mL	
		AUKR40-30M	20	30 mL	
		AUKR40-100M	20	100 mL	
	80 nm Carbonate Gold	AUKR80-25M	5	25 mL	
		AUKR80-100M	5	100 mL	
		AUKR80-500M	5	500 mL	
		AUKR80-1L	5	1 L	
	<i>Bulk quantities and discounts available. Please contact info@nanocomposix.com for pricing.</i>				