



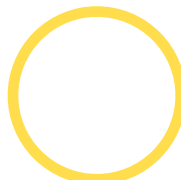
Gold nanoparticles specifically engineered for conjugation
to your antibodies, proteins, and nucleic acids

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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

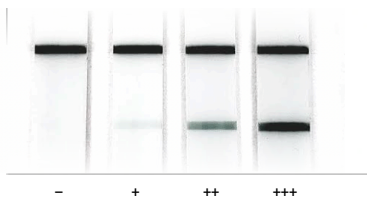


Streptavidin
For biotin coupling

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!

nanocomposix.com

(858) 565-4227
info@nanocomposix.com

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 mL		
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		
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		