

BioAssay Works® Custom Conjugation Request Form

Customer Information

Name:		Date:	
Company:		Telephone:	
Shipping Address:		Email:	

Antibody/Protein Information

Name:			
Description ¹ : Host, target, isotype, e.g. Goat anti-Mouse IgG _{2b}			
Isoelectric Point: (pI)		Size: (Kd)	
Concentration ² : (mg/mL)		Free sulfhydryl group: (Y/N)	
Buffer Composition ³ : e.g. 1X PBS pH 7.5; 0.05% NaN ₃			

¹ Report any modifications (e.g. single chain (ScFv), F(ab')₂, humanized, recombinant, mutations, others)

² Preferably ≥ 1.0 mg/mL

³ Avoid protein additives (e.g. BSA), free amino acids (e.g. glycine), thiol additives (e.g. DTT, Mercaptoethanol), EDTA, or Tris-based buffers, Urea, Imidazole, Ethanolamine and buffers that might interfere with the conjugation pH.

Conjugate Information

- Gold Size (nm): ☐ 20 ☐ 30 ☐ 40
- Conjugate Conc. Requested (O.D./mL): ☐ 15 ☐ 20 ☐ 50 ☐ Other: _____ O.D./mL
- Amount of Ab/Protein to Conjugate: _____ mg OR Volume of Conjugate desired: _____ mL
- Example:** It takes 30, 40, or 100 µL of a 1 mg/mL mAb solution to produce one (1) mL of 40 nm gold conjugated at 15, 20, or 50 OD/mL, respectively (Using a standard loading of 2 µg/OD of gold nanoparticles).
- Antibody/Protein Source: ☐ Supplied by Customer ☐ BioAssay Works® Sourced
☐ Other: _____

Special Requirements/Requests? _____

