

BioReady™ Covalent Gold Conjugation Kit, 80 nm Gold Nanospheres

Product Number: AUZR80-10M / AUZR80-10MC Kit Lot Number: RRR0196_RJG0190

Item	Amount	Storage	Lot #
Buffer exchange/desalting column	1 each	2–25°C	Millipore REF: UFC501096 LOT: R8HA86274
Housing tubes for desalting column	2 each	2–25°C	Millipore LOT: R8HA86274
Desalting buffer for antibody, 10 mM potassium phosphate	10 mL	2–25°C	RRR0149
80 nm Gold Nanospheres, Carboxyl, BioReady™, 20 OD	10 mL	2–8°C	RJG0190
Potassium phosphate reaction buffer 5 mM potassium phosphate, 0.5% PEG 20 kDa, pH 7.4. Verify and record pH prior to use. pH = _____	50 mL	2–25°C	RRR0152B
Sodium phosphate reaction buffer 5 mM sodium phosphate, 0.5% PEG 20 kDa, pH 7.4. Verify and record pH prior to use. pH = _____	50 mL	2–25°C	RRR0152A
PBS reaction buffer, 50× 0.5x PBS, 2.5% PEG 20 kDa. Dilute prior to use.	1 mL	2–25°C	RRR0155
10 mL PETG reagent bottle, empty (for dilution of 50× PBS reaction buffer) Formulation will be 0.01x PBS, 0.5% PEG 20 kDa pH 7.4 upon dilution to 1x. Verify and record pH prior to use. pH = _____	1 each	2–25°C	N/A
EDC & Sulfo-NHS set, 10 mg aliquot of each. Single use only.	3	2–8°C	RRR0195
Hydroxylamine quencher	100 µL	2–25°C	Sigma Aldrich: STBG8877
NCX block buffer 4 mM sodium tetraborate, 1% BSA, 0.05% sodium azide, pH 8.2 Verify and record pH prior to use. pH = _____	5 mL	2–8°C	RRR0157
NCX conjugate diluent 0.5x PBS, 0.5% BSA, 0.5% casein, 1% Tween 20, 0.05 % azide pH 8 Verify and record pH prior to use. pH = _____	10 mL	2–8°C	RRR0161
1.5 mL microcentrifuge tubes, LabCon® SuperSpin™	20 each	2–25°C	LabCon Ref# 3016-870-000-9 LOT: 919C2-919B
NCX lateral flow running buffer 1x PBS, 1% Tween 20 pH 7.4	10 mL	2–25°C	RRR0154
High Sensitivity Conjugation Kit product guide	1 each	2–25°C	Published May 2019