

BioReady Covalent Gold Conjugation Kit for Lateral Flow, 40 nm Gold Nanospheres

Product Number: AUZR40-10M / AUZR40-10MC Kit Lot Number: JLC0230_JLC0157

Item	Amount	Storage	Lot #	
Buffer exchange / desalting column Note: column and housing tubes packaged together	Column, 10 kDa, in housing tube	1 column in 1 tube	2–25°C	Millipore REF: UFC501096 LOT: R0EB61625
	Additional housing tube	1 tube	2–25°C	Millipore LOT: R0EB61625
Desalting buffer for antibody, 10 mM potassium phosphate	10 mL	2–25°C	JLC0134	
40 nm Gold Nanospheres, Carboxyl, BioReady, 20 OD	10 mL	2–8°C	JLC0157	
Potassium phosphate reaction buffer 5 mM potassium phosphate, 0.5% PEG 20 kDa, pH 7.4.	50 mL	2–25°C	JLC0204	
Sodium phosphate reaction buffer 5 mM sodium phosphate, 0.5% PEG 20 kDa, pH 7.4.	50 mL	2–25°C	JLC0215	
PBS reaction buffer stock, 50× 0.5x PBS, 25% PEG 20 kDa. Dilute prior to use.	1 mL	2–25°C	SXV0049	
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.	1 each	2–25°C	N/A	
EDC & Sulfo-NHS set, 10 mg aliquot of each. Single use only.	EDC	3 sets	2–8°C	0
	Sulfo-NHS			0
Hydroxylamine quencher	100 µL	2–25°C	JLC0119	
NCX block buffer 4 mM sodium tetraborate, 1% BSA, 0.05% sodium azide, pH 8.2	5 mL	2–8°C	JLC0118	
NCX conjugate diluent 0.5× PBS, 0.5% BSA, 0.5% casein, 1% Tween 20, 0.05 % azide pH 8	10 mL	2–8°C	JLC0198	
1.5 mL microcentrifuge tubes, LabCon® SuperSpin™	20 each	2–25°C	LabCon REF# 3016-870-000-9 LOT: 047C2-046B	
NCX lateral flow running buffer 1× PBS, 1% Tween 20 pH 7.4	10 mL	2–25°C	JLC0214	
High Sensitivity Conjugation Kit product guide	1 each	2–25°C	Published March 2023	