

Materials List for

Optical Photothermal Infrared - Fluorescence *In Situ* Hybridization (OPTIR-FISH)

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Materials

Name	Company	Catalog Number	Comments
96% Ethanol	ThermoScientific	T032021000	
Calcium Fluoride	Crystran	CAFP10-0.35	
D-(+)-Glucose	Sigma-Aldrich	G7021-1KG	
D-Glucose (U-13C6, 99%)	Cambridge Isotopic Laboratories	CLM-1396-1	
Ethylenediaminetetraacetic acid	Sigma-Aldrich	E9884-100G	
formamide	ThermoScientific	17899	
Luria-Bertani broth	Sigma-Aldrich	L3522-250G	
M9 Minimal Salts 5x	SIGMA	M6030-1KG	
OPTIR instrument	Photothermal Spectroscopy Corp.	mIRage LS	
Paraformaldehyde Solution, 4% in PBS	ThermoScientific	J19943-K2	
poly-L-lysine solution 0.1% (w/v)	Sigma-Aldrich	P8920-500ML	
Sodium Chloride	Sigma-Aldrich	S9888-25G	
Sodium dodecyl sulfate	Sigma-Aldrich	L3771-25G	
Tris(hydroxymethyl)aminomethane hydrochloride, 99+%	ThermoScientific	A11379.18	
Tryptic Soy Broth	Sigma-Aldrich	22092-500G	