

Materials List for

Real-Time Detection of Dynamic Affinity between Biomolecules Using Surface Plasmon Resonance (SPR) Technology

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Materials

Name	Company	Catalog Number	Comments
1-Ethyl-3-(3-dimethylaminopropyl) carbodiimide hydrochloride (EDC)	Nan Jing Reagent,Nanjing,China	C08296594	
Anhydrous ethanol	Merck Chemical Technologies Ltd., Shanghai, China	459836	
BIA normalizing solution	Merck Chemical Technologies Ltd., Shanghai, China	49781	
Blocking solution	Bosheng Biotechnology Co.,Ltd., Shanghai, China	110050	
Bromoacetic acid	Merck Chemical Technologies Ltd., Shanghai, China	17000	
Calycosin	Push Bio-technology Co., Ltd., Chengdu, China	PU0124-0025	
Dextran	Canspec Scientific Instruments Co., Ltd.,Shanghai, China	PM10036	
Epichlorohydrin	Merck Chemical Technologies Ltd., Shanghai, China	492515	
Ethanolamine hydrochloride	Yuanye Biotech Co., Ltd., Shanghai, China	S44235	
Glycine-HCl	Merck Chemical Technologies Ltd., Shanghai, China	G2879	
H2O2	Merck Chemical Technologies Ltd., Shanghai, China	3587191	
H2SO4	Nantong high-tech Industrial Development Zone,China	2020001150C	
HEPES	Xiya Reagent Co., Ltd., Shandong, China	S3872	
KCNJ2 (Human) Recombinant Protein	Abnova,West Meijie Technology Co., Ltd., Beijing, China	H00003759-Q01	

MUOH	Jizhi Biochemical Technology Co., Ltd., Shanghai, China	M40590	
NaOH	Merck Chemical Technologies Ltd., Shanghai, China	SX0603	
N-Hydroxysuccinimide(NHS)	Yuanye Biotech Co., Ltd., Shanghai, China	S13005	
OpenSPRTM	Nicoya		
Quercetin	Push Bio-technology Co., Ltd., Chengdu, China	PU0041-0025	
Sensor Chip COOH	Nicoya		
Sodium Acetate	Merck Chemical Technologies Ltd., Shanghai, China	229873	