

Materials List for:

# High-Resolution Comparison of Bacterial Conjugation Frequencies

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URL: <https://www.jove.com/video/57812>

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## Materials

Name	Company	Catalog Number	Comments
MoFlo XDP	Beckman-Coulter	ML99030	FACS
IsoFlow	Beckman-Coulter	8599600	Sheath solution
Fluorospheres (10 μm)	Beckman-Coulter	6605359	beads to set up the FACS
Incubator	Yamato Scientific Co. Ltd	211197-IC802	
UV-VIS Spectrophotometer UV-1800	SIMADZU Corporation	UV-1800	
96-well plates	NIPPON Genetics Co, Ltd	TR5003	
microplate type Petri dish	AXEL	1-9668-01	for validation of sorting
membrane filter	ADVANTEC	C045A025A	for filter mating
pipettes	Nichiryo CO. Ltd	00-NPX2-20, 00-NPX2-200, 00-NPX2-1000	0.5-10 μL, 20-200 μL, 100-1000 μL
multi-channel pipettes	Nichiryo CO. Ltd	00-NPM-8VP, 00-NPM-8LP	0.5-10 μL, 20-200 μL
Tryptone	BD Difco	211705	
Yeast extract	BD Difco	212750	
NaCl	Sigma	S-5886	
Agar	Nakarai tesque	01162-15	
rifampicin	Wako	185-01003	
gentamicin	Wako	077-02974	
kanamycin	Wako	115-00342	
Petri dish	AXEL	3-1491-51	JPND90-15
microtubes	Fukaekasei	131-815C	
500 mL disposable spinner flask	Corning	CLS3578	