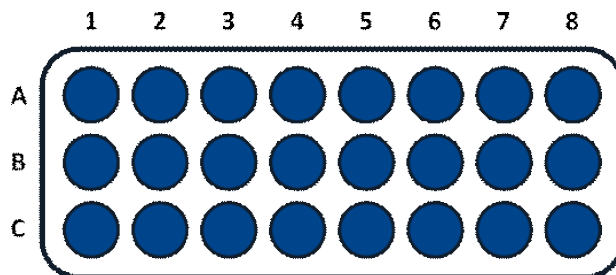


## Kit Array Components



Position	Label	Quantity	Chemical	Amount
A01	DavePhosG3/K <sub>2</sub> CO <sub>3</sub>	2	DavePhosG3 K <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
A02	JackiePhosG3/K <sub>2</sub> CO <sub>3</sub>	2	JackiePhosG3 K <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
A03	JosiPhosG3/K <sub>2</sub> CO <sub>3</sub>	2	JosiphosG3 K <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
A04	P(t-Bu) <sub>3</sub> G4/K <sub>2</sub> CO <sub>3</sub>	2	P(t-Bu) <sub>3</sub> G4 K <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
A05	PCy <sub>3</sub> G4/K <sub>2</sub> CO <sub>3</sub>	2	PCy <sub>3</sub> G4 K <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
A06	RockPhosG3/K <sub>2</sub> CO <sub>3</sub>	2	RockPhosG3 K <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
A07	SPhosG3/K <sub>2</sub> CO <sub>3</sub>	2	SphosG3 K <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
A08	XantPhosG3/K <sub>2</sub> CO <sub>3</sub>	2	XantphosG3 K <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
B01	DavePhosG3/Cs <sub>2</sub> CO <sub>3</sub>	2	DavePhosG3 Cs <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
B02	JackiePhosG3/Cs <sub>2</sub> CO <sub>3</sub>	2	JackiePhosG3 Cs <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
B03	JosiPhosG3/Cs <sub>2</sub> CO <sub>3</sub>	2	JosiphosG3 Cs <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
B04	P(t-Bu) <sub>3</sub> G4/Cs <sub>2</sub> CO <sub>3</sub>	2	P(t-Bu) <sub>3</sub> G4 Cs <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
B05	PCy <sub>3</sub> G4/Cs <sub>2</sub> CO <sub>3</sub>	2	PCy <sub>3</sub> G4 Cs <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
B06	RockPhosG3/Cs <sub>2</sub> CO <sub>3</sub>	2	RockPhosG3 Cs <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
B07	SPhosG3/Cs <sub>2</sub> CO <sub>3</sub>	2	SphosG3 Cs <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol

B08	XantPhosG3/Cs <sub>2</sub> CO <sub>3</sub>	2	XantphosG3 Cs <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
C01	DavePhosG3/K <sub>3</sub> PO <sub>4</sub>	2	DavePhosG3 K <sub>3</sub> PO <sub>4</sub>	1.50 μmol 30.00 μmol
C02	JackiePhosG3/K <sub>3</sub> PO <sub>4</sub>	2	JackiePhosG3 K <sub>3</sub> PO <sub>4</sub>	1.50 μmol 30.00 μmol
C03	JosiPhosG3/K <sub>3</sub> PO <sub>4</sub>	2	JosiphosG3 K <sub>3</sub> PO <sub>4</sub>	1.50 μmol 30.00 μmol
C04	P(t-Bu) <sub>3</sub> G4/K <sub>3</sub> PO <sub>4</sub>	2	P(t-Bu) <sub>3</sub> G4 K <sub>3</sub> PO <sub>4</sub>	1.50 μmol 30.00 μmol
C05	PCy <sub>3</sub> G4/K <sub>3</sub> PO <sub>4</sub>	2	PCy <sub>3</sub> G4 K <sub>3</sub> PO <sub>4</sub>	1.50 μmol 30.00 μmol
C06	RockPhosG3/K <sub>3</sub> PO <sub>4</sub>	2	RockPhosG3 K <sub>3</sub> PO <sub>4</sub>	1.50 μmol 30.00 μmol
C07	SPhosG3/K <sub>3</sub> PO <sub>4</sub>	2	SphosG3 K <sub>3</sub> PO <sub>4</sub>	1.50 μmol 30.00 μmol
C08	XantPhosG3/K <sub>3</sub> PO <sub>4</sub>	2	XantphosG3 K <sub>3</sub> PO <sub>4</sub>	1.50 μmol 30.00 μmol

### Reagents/ Solvents

Description	Quantity	Amount
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### Reagent Information

Reagent	CAS	MW
Cs <sub>2</sub> CO <sub>3</sub>	534-17-8	325.82
K <sub>2</sub> CO <sub>3</sub>	584-08-7	138.00
K <sub>3</sub> PO <sub>4</sub>	7778-53-2	212.27
P(t-Bu) <sub>3</sub> G4	1621274-11-0	586.00
PCy <sub>3</sub> G4		664.00
DavePhosG3	1445085-87-9	763.00
JackiePhosG3	2102544-35-2	1,166.00
JosiphosG3	1702311-34-9	924.00
RockPhosG3	2009020-38-4	838.00
SphosG3	1445085-82-4	780.00
XantphosG3	1445085-97-1	948.00