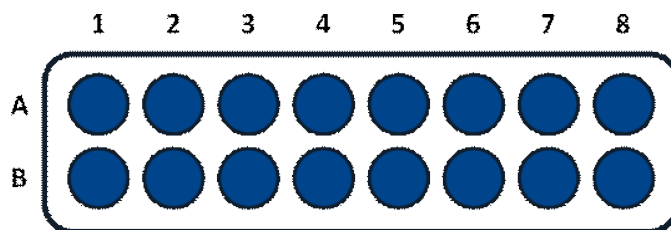


## Kit Array Components



Position	Label	Quantity	Chemical	Amount
A01	BrettPhosG2/Cs <sub>2</sub> CO <sub>3</sub>	2	BrettPhosG2 Cs <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
A02	RuPhosG2/Cs <sub>2</sub> CO <sub>3</sub>	2	RuPhosG2 Cs <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
A03	XPhosG2/Cs <sub>2</sub> CO <sub>3</sub>	2	XPhosG2 Cs <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
A04	tBuXPhosG3/Cs <sub>2</sub> CO <sub>3</sub>	2	tBuXPhosG3 Cs <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
A05	tBuBrettG3/Cs <sub>2</sub> CO <sub>3</sub>	2	tBuBrettPhosG3 Cs <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
A06	Pd <sub>2</sub> (dba) <sub>3</sub> /dppf/Cs <sub>2</sub> CO <sub>3</sub>	2	Pd <sub>2</sub> dba <sub>3</sub> dppf Cs <sub>2</sub> CO <sub>3</sub>	0.75 μmol 3.00 μmol 30.00 μmol
A07	Pd(PtBu <sub>3</sub> ) <sub>2</sub> /Cs <sub>2</sub> CO <sub>3</sub>	2	Pd(PtBu <sub>3</sub> ) <sub>2</sub> Cs <sub>2</sub> CO <sub>3</sub>	1.50 μmol 30.00 μmol
A08	Pd(OAc) <sub>2</sub> /CataCXium A /Cs <sub>2</sub> CO <sub>3</sub>	2	Pd(OAc) <sub>2</sub> cataCXium A Cs <sub>2</sub> CO <sub>3</sub>	1.50 μmol 3.00 μmol 30.00 μmol
B01	BrettPhosG2 / NaOtBu	2	BrettPhosG2	1.50 μmol
B02	RuPhosG2 / NaOtBu	2	RuPhosG2	1.50 μmol
B03	XPhosG2 / NaOtBu	2	XPhosG2	1.50 μmol
B04	tBuXPhosG3 / NaOtBu	2	tBuXPhosG3	1.50 μmol
B05	tBuBrettPhosG3 / NaOtBu	2	tBuBrettPhosG3	1.50 μmol
B06	Pd <sub>2</sub> (dba) <sub>3</sub> /dppf / NaOtBu	2	Pd <sub>2</sub> dba <sub>3</sub> dppf	0.75 μmol 3.00 μmol
B07	Pd(PtBu <sub>3</sub> ) <sub>2</sub> / NaOtBu	2	Pd(PtBu <sub>3</sub> ) <sub>2</sub>	1.50 μmol
B08	Pd/CataCXium A / NaOtBu	2	Pd(OAc) <sub>2</sub> cataCXium A	1.50 μmol 3.00 μmol

## Reagents/ Solvents

Description	Quantity	Amount
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NaOtBu

2 x vial

19.5  $\mu$ mol**Reagent Information**

<b>Reagent</b>	<b>CAS</b>	<b>MW</b>
Pd(PtBu <sub>3</sub> ) <sub>2</sub>	53199-31-8	511.00
Cs <sub>2</sub> CO <sub>3</sub>	534-17-8	325.82
Pd(OAc) <sub>2</sub>	3375-31-3	225.00
Pd <sub>2</sub> dba <sub>3</sub>	51364-51-3	916.00
BrettPhosG2	1451002-39-3	847.00
cataCXium A	321921-71-5	358.54
dppf	12150-46-8	554.00
NaOtBu	865-48-5	96.00
RuPhosG2	1375325-68-0	777.00
tBuBrettPhosG3	1536473-72-9	854.00
tBuXPhosG3	1447963-75-8	794.00
XPhosG2	564483-18-7	786.80