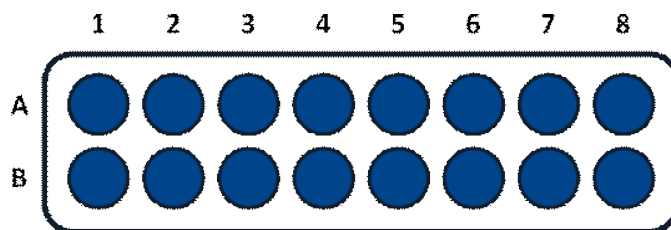


Kit Array Components



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

Reagents/ Solvents

| Description | Quantity | Amount |
|-------------|----------|----------------------|
| LHMDS | 2 x vial | 33.9 μmol |
| NaOtBu | 2 x vial | 19.5 μmol |

Reagent Information

| Reagent | CAS | MW |
|-------------------------------------|--------------|-----------|
| Pd(PtBu ₃) ₂ | 53199-31-8 | 511.00 |
| Pd(OAc) ₂ | 3375-31-3 | 225.00 |
| Pdzdba ₃ | 51364-51-3 | 916.00 |
| BrettPhosG2 | 1451002-39-3 | 847.00 |
| cataCXium A | 321921-71-5 | 358.54 |
| dppf | 12150-46-8 | 554.00 |
| LHMDS | 4039-32-1 | 167.00 |
| 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 |