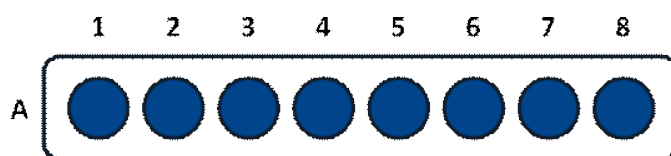


Kit Array Components



Position	Label	Quantity	Chemical	Amount
A01	Ir/Ni-dtbbpy/Cs ₂ CO ₃	2	Ir cat 1 NiCl ₂ -glyme Cs ₂ CO ₃ dtbbpy	0.1 μmol 0.5 μmol 15.0 μmol 0.5 μmol
A02	Ir/Ni-dtbbpy/K ₃ PO ₄	2	Ir cat 1 NiCl ₂ -glyme dtbbpy K ₃ PO ₄	0.1 μmol 0.5 μmol 0.5 μmol 15.0 μmol
A03	Ir/5% Ni-dtbbpy/K ₂ CO ₃	2	Ir cat 1 NiCl ₂ -glyme dtbbpy K ₂ CO ₃	0.1 μmol 0.5 μmol 0.5 μmol 15.0 μmol
A04	Ir/2.5% Ni-dtbbpy/K ₂ CO ₃	2	Ir cat 1 NiCl ₂ -glyme dtbbpy K ₂ CO ₃	0.1 μmol 0.3 μmol 0.3 μmol 15.0 μmol
A05	Ir/1.25% Ni-dtbbpy/K ₂ CO ₃	2	Ir cat 1 NiCl ₂ -glyme dtbbpy K ₂ CO ₃	0.1 μmol 0.3 μmol 0.1 μmol 15.0 μmol
A06	Ir/Ni-dtbbpy/DABCO	2	Ir cat 1 NiCl ₂ -glyme dtbbpy DABCO	0.1 μmol 0.5 μmol 0.5 μmol 15.0 μmol
A07	Ir/Ni-dtbbpy/Quinuclidine	2	Ir cat 1 NiCl ₂ -glyme dtbbpy Quinuclidine	0.1 μmol 0.3 μmol 0.5 μmol 15.0 μmol
A08	control	2		

Reagents/ Solvents

Description	Quantity	Amount
-------------	----------	--------

Quinuclidine	1 x vial	1.11 μ mol
Quinuclidine	1 x vial	1.11 μ mol

Reagent Information

Reagent	CAS	MW
Cs ₂ CO ₃	534-17-8	325.82
K ₂ CO ₃	584-08-7	138.00
K ₃ PO ₄	7778-53-2	212.27
NiCl ₂ -glyme	29046-78-4	220.00
DABCO	280-57-9	112.17
dtbbpy	72914-19-3	268.00
Ir cat 1	870987-63-6	1,121.91
Quinuclidine	100-76-5	111.18