

**Potential relationships for several different reference electrodes at 25 °C :**

Reference electrode	Electrode potential with respect to SHE (mV)
Standard hydrogen electrode (SHE)	0
Saturated calomel electrode (SCE)	+ 241 (Ref 1,3)
Ag/AgCl seawater	+250
Ag/AgCl 0.05M KCl	+300
Ag/AgCl 0.1M KCl	+288 (Ref 3)
Ag/AgCl 0.5M KCl	+250
Ag/AgCl, 1 M KCl	+ 236 (Ref 1)
Ag/AgCl 3M KCl	+210 (Ref 4)
Ag/AgCl 3.5M KCl	+205 (Ref 2)
Ag/AgCl, 4 M KCl	+ 200
Ag/AgCl, sat. KCl	+197 (Ref 1)
Cu/CuSO <sub>4</sub> Sat	+316 (Ref 5)

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