

Preparation of Eicosanoid Internal Standards Deuterated

Stock solutions are all from Cayman and all contain 100ng/ul compound.

The internal standard contains 0.1 ng/ μ l of each of the following deuterated eicosanoids in 50/50 ethanol in water:

Compound	Deuteration	Cayman Cat#	Concentration
PGF _{2α}	D4	316010	100 ng/ul
PGE ₂	D4	314010	100 ng/ul
PGD ₂	D4	312010	100 ng/ul
5 Hete	D8	334230	100 ng/ul
AA	D8	390010	100 ng/ul

4 ul of each standard is added to 3980 ul of 50/50 ethanol water. 100 ul of each standard is added to each sample.