

## 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/ $\mu$ l of each of the following deuterated eicosanoids in 50/50 ethanol in water:

Compound	Deuteration	Cayman Cat#	Concentration
PGF <sub>2<math>\alpha</math></sub>	D4	316010	100 ng/ul
PGE <sub>2</sub>	D4	314010	100 ng/ul
PGD <sub>2</sub>	D4	312010	100 ng/ul
15-deoxy PGJ <sub>2</sub>	D4	318570	100ng/ul
5 Hete	D8	334230	100 ng/ul
AA	D8	390010	100 ng/ul

4 ul of each standard is added to 3976 ul of 50/50 ethanol water. 100 ul of each standard is added to each sample.