

Title: Evidence for Cortisol-Cortisone Metabolism by Marine Mammal Blubber

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Supplemental Materials

Supplemental Table 1. Average internal standard masses

Compound	Average Mass (ng)
Cortisol- <i>d</i> ₄	17.694
Cortisone- ¹³ C ₃	17.007

Supplemental Table 2. Calibration curve parameters and reporting limits (RLs). Observed reporting limit (RL_{obs}) is defined as the lowest calibration standard used in the calculation of the standard curve. Calculated reporting (RL_{calc}) are calculated as three times the standard deviation of the NHC measurements plus the mean of NHC measurements

Hormone	Range (ng)	Number of Points	Curve	Intercept	Slope	R ²	RL _{obs} (ng)	RL _{calc} (ng)
Cortisol	0.05269 - 7.879•10 ⁻⁵	3	Linear	0.0007	1.9757	0.9999	7.879•10 ⁻⁵	-
Cortisone	1.185 - 0.05455	4	Linear	-0.0037	3.7352	0.9995	0.05455	0.02107

- = negative value