|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Animal no. | ACTH dose (IU) | Glucocorticoid metabolite concentration (μg/g) | Rised (%) | Hours between treatment and peak |
| Pre-treatment meana (± SEM) | Peakb,c |
| M1 | 400 | 0.28 ± 0.05 | 0.58 | 208 | 48 |
| M2 | 400 | 0.28 ± 0.05 | 0.33 | 117 | 48 |
| F1 | 400 | 0.19 ± 0.02 | 0.98 | 521 | 96 |
| F2 | 1600 | 0.35 ± 0.01 | 1.11 | 318 | 24 |
| M3 | 1600 | 0.18 ± 0.02 | 0.29 | 161 | 72 |

Immunoreactive metabolites in feces were measured with a cortisol-3-carboxymethyloxime EIA.

a Represents the mean glucocorticoid metabolite concentration for all pre-treatment samples including the day of injection.

b Refers to the single sample containing the ACTH-induced peak in glucocorticoid metabolites.

c Increased (*P* = 0.02) over pre-treatment mean concentrations.

d Represents the peak expressed as a percentage of the pre-treatment mean.