

Perilaku reproduksi dan profil pregnanediol-3-glucuronide (PdG) kukang Sumatra (*nycticebus coucang*) betina di penangkaran =
Reproductive behavior and profile of pregnanediol 3 glucuronide (PdG) in captive housed female Sumatran slow loris (*nycticebus coucang*)

Lisa Nurfalah, author

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20431895&lokasi=lokal>

Abstrak

Pengamatan terhadap perilaku reproduksi dan profil Pregnanediol-3-Glucuronide (PdG) Kukang Sumatra (*Nycticebus coucang*) Betina di Penangkaran, telah dilakukan selama tiga bulan di Pusat Studi Satwa Primata, LPPM-IPB dan Laboratorium Mikrobiologi dan Imunologi Pusat Studi Satwa Primata Bogor, Institut Pertanian Bogor. Penelitian bertujuan untuk mengetahui perilaku harian *N. coucang* yang difokuskan pada pengamatan perilaku reproduksi dan pengukuran kadar hormon metabolit Pregnanediol-3-Glucuronide (PdG) pada feses *N. coucang*.

Dari pengamatan, kami mendapati perilaku reproduksi berupa jantan mengendus (sniffing) dan menjilat (licking) bagian genital betina. Hingga waktu pengamatan berakhir, tidak teramati terjadinya kopulasi. Kadar hormon PdG pada kandang no. 2 berkisar dari $20,85 \pm 5569,11$ pg/ml sampai $19995,81 \pm 11061,7$ pg/ml, sedangkan kadar hormon PdG pada kandang no. 5 berkisar dari $504,97 \pm 936,67$ pg/ml sampai $18168,68 \pm 12556,1$ pg/ml.

.....Observation of reproductive behavior and profile of Pregnanediol-3-Glucuronide (PdG) in captive housed female sumatran slow loris (*Nycticebus coucang*) has been conducted for three months at Pusat Studi Satwa Primata, LPPM-IPB and Laboratorium Mikrobiologi dan Imunologi Pusat Studi Satwa Primata Bogor, Institut Pertanian Bogor. The study aims to determine the daily behavior of *N. coucang* focusing on the observation of the reproductive behavior and measurement on the levels of the hormone metabolites Pregnanediol-3-glucuronide (PdG) in feces of *N. coucang*.

From the observation, reproductive behavior such as sniffing and licking of female genital parts by male *N. coucang* were observed. Until the end of the observation time, copulation is not observed. PdG hormone levels in the enclosure no. 2 is range from $20.85 \pm 5569,11$ pg/ml to 19995.81 ± 11061.7 pg/ml, while PdG hormone levels in the enclosure no. 5 is range from 504.97 ± 936.67 pg/ml to 18168.68 ± 12556.1 pg/ml.