

**INTISARI**  
**KAJIAN MORFOLOGI, FISILOGI, GAMBARAN DARAH KUDA**  
**(*Equus caballus*) LOKAL MINANG**

**Corry Laura Junita Sianturi**

Kuda (*Equus caballus*) Minang merupakan kuda persilangan antara kuda Sandel dengan kuda Arab yang dapat ditemukan di Sumatera Barat. Populasi kuda Minang dari tahun ke tahun semakin menurun sehingga terancam punah. Untuk mencegah kepunahan dibutuhkan usaha pelestarian. Tujuan penelitian ini adalah untuk mengetahui data morfologi kuda (tinggi, panjang, lebar dada, dan lebar pinggul), data fisiologi (frekuensi nafas, pulsus dan temperatur tubuh), dan gambaran darah rutin kuda Minang.

Pada penelitian ini digunakan lima ekor kuda Minang dewasa asal Sumatera Barat di daerah Tanah Datar dengan umur berkisar 2-6 tahun. Masing-masing kuda diperiksa suhu, pulsus, frekuensi nafas dan diukur morfologi tubuhnya. Kuda diambil darahnya sebanyak 5 ml dan dimasukkan ke dalam tabung dengan EDTA untuk pemeriksaan darah rutin di Laboratorium Ilmu Penyakit Dalam FKH UGM.

Berdasarkan penelitian yang telah dilakukan, kuda Minang dapat digolongkan sebagai kuda poni, fisiologi (pulsus, frekuensi nafas dan temperatur) kuda Minang sama dengan kuda lain di Indonesia, dan tidak terdapat perbedaan gambaran darah dengan kuda-kuda lain.

**Kata kunci : Kuda Minang, morfologi, fisiologi, gambaran darah**

**ABSTRACT**  
**STUDY OF MORPHOLOGY, PHYSIOLOGY, AND ROUTINE BLOOD**  
**TEST OF LOCAL HORSES OF MINANG**

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Minang horse (*Equus caballus*) is a crossbreed horse between Sandel and Arabian horses which can be found in West Sumatra. Their population in West Sumatra is decreasing and have risk to extinct. In order to prevent the extinction of Minang horse, conservation effort is needed. The purpose of this research was to determine morphology (height, length, chest width and hip width), physiology data (breath frequency, temperature and pulse rate), and routine blood check up of Minang horses.

Five horses from West Sumatra in Tanah Datar were used in this research with ages ranging about 2-6 years. Each horse's health, pulse rate, temperature, breath frequency and measured body morphology were examined. Blood samples were collected from jugular vein and placed in to a tube containing EDTA and routine blood tests were performed in Laboratorium Ilmu Penyakit Dalam FKH UGM.

The research shows that, Minang horse is classified as pony, physiology (pulsus, breathing frequency and temperature) Minang is the same with other horses in Indonesia, and there is no differences in blood picture with the other horses.

**Keywords : Minang horse, morphology, physiology, blood picture**