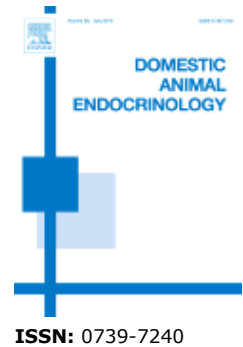




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DESCRIPTION

Domestic Animal Endocrinology publishes scientific papers dealing with the study of the **endocrine physiology** of **domestic animal** species. Those manuscripts utilizing other species as models for clinical or production problems associated with domestic animals are also welcome.

Topics covered include:

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- Abbreviate units of measure when they follow a quantity: days, d; hours, h; weeks, wk; years, yr; minutes, min; For example, 4 d, 5 h, 6 yr.
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Use the following expressions:

- Estrus is a noun; estrous is an adjective.
- 120 to 125, not 120-125

- treatment by period, not treatment X period
- gravity: 100 X g (in lieu of speed for centrifugation)

Abbreviations

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Units of time

s - second(s)
 min - minute(s)
 h - hour(s)
 d - day(s)
 wk - week(s)
 mo - month(s)
 yr - year(s)

Units of volume

µL - microliter
 mL - milliliter
 L - liter
 dL - deciliter

Other physical units

Bq - becquerel
 °C - degree Celsius
 Cal - calorie
 Ci - curie
 cM - centimorgan (spell out morgan if used without a prefix)
 Da - dalton
 Eq - equivalent
 g - gram
 ha - hectare
 Hz - hertz
 IU - international unit
 J - joule
 lx - lux
 m - meter
 M - molar (concentration; preferred over mol/L)
 mol - mole
 N - normal (concentration)
 Pa - pascal
 t - metric ton (1,000 kg)
 V - volt
 W - watt

Statistical symbols and abbreviations

P- as in $P < 0.05$
 ANOVA - analysis of variance
 CV - coefficient of variation
 df - degree(s) of freedom
 F - F-distribution (variance ratio)
 LSD - least significant difference
 n - sample size (used parenthetically or in footnotes)
 P - probability
 r - simple correlation coefficient
 r² - simple coefficient of determination
 R - multiple correlation coefficient

R² - multiple coefficient of determination
s² - variance (sample)
SD - standard deviation (sample)
SE - standard error
SED - standard error of the differences of means
SEM - standard error of the mean

Other acronyms/abbreviations

ACTH - adrenocorticotrophic hormone
ADG - average daily gain
ADP - adenosine diphosphate
AI - artificial insemination
ATP - adenosine triphosphate avg - average (use only in tables, not in the text)
BCS - body condition score
bp - base pair
BSA - bovine serum albumin
BW - body weight
cDNA - complementary deoxyribonucleic acid
C/EBP - CAAT-enhancer binding protein
cfu - colony-forming unit
CoA - coenzyme A
Co-EDTA - cobalt ethylenediaminetetraacetate
CP - crude protein (N x 6.25)
d - dextrodiam. diameter
DE - digestible energy
DNA - deoxyribonucleic acid
EBV - estimated breeding value
eCG - equine chorionic gonadotropin
EDTA - ethylenediaminetetraacetic acid
EIA - enzyme immunoassay
ELISA - enzyme-linked immunosorbent assay
Exp. - experiment (always followed by a numeral)
FFA - free fatty acid(s)
FSH - follicle-stimulating hormone
g - gravity
GE - gross energy
GLC - gas-liquid chromatography
GLM - general linear model
GnRH - gonadotropin-releasing hormone
GH - growth hormone
GHRH - growth hormone-releasing hormone
hCG - human chorionic gonadotropin
HEPES - N-(2-hydroxyethyl)piperazine-N'-2-ethanesulfonic acid
HPLC - high-performance (pressure) liquid chromatography
i.d. - inside diameter
Ig - immunoglobulin (when used to identify a specific immunoglobulin)
IGF - insulin-like growth factor
IGFBP - insulin-like growth factor-binding protein(s)
IL - interleukin
kb - kilobase(s)
LD50 - lethal dose 50%
LH - luteinizing hormone
LHRH - luteinizing hormone-releasing hormone
ME - metabolizable energy
Misc. - miscellaneous
NAD - nicotinamide adenine dinucleotide
NADH - reduced form of NAD
NDF - neutral detergent fiber
NDIN - neutral detergent insoluble nitrogen
NE - net energy
NEg - net energy for gain

NEI - net energy for lactation
NEm - net energy for maintenance
NEFA - nonesterified fatty acid
No. - number (use only in tables, not in the text)
NRC - National Research Council
o.d. - outside diameter
PAGE - polyacrylamide gel electrophoresis
PBS - phosphate-buffered saline
PCR - polymerase chain reaction
PG - prostaglandin
PMSG - pregnant mare's serum gonadotropin
PPAR - peroxisome proliferator-activated receptor
PUFA - polyunsaturated fatty acid(s)
QTL - quantitative trait locus (loci)
RFLP - restriction fragment length polymorphism
RIA - radioimmunoassay
RNA - ribonucleic acid
rpm - revolutions/minute (not to be used to indicate centrifugal force)
RQ - respiratory quotient
SDS - sodium dodecyl sulfate
SFA - saturated fatty acid
SNP - single nucleotide polymorphism
ssp. - subspecies
ST - somatotropin
spp. - species
TDN - total digestible nutrients
TLC - thin layer chromatography
Tris - tris(hydroxymethyl)aminomethane
USDA - US Department of Agriculture
UV - ultraviolet
VFA - volatile fatty acid(s)
vol - volume
vol/vol - volume/volume (used only in parentheses)
vs. - versus
wt - weight (use only in tables, not in the text)
wt/vol - weight/volume (used only in parentheses)
wt/wt - weight/weight (used only in parentheses)

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