

Installation of Mouse Analysis Parameters on the HemaTrue™ Veterinary Hematology Analyzer

1. Enter MOUSE as a species within the system:
 - a. Press "Menu" button
 - b. Press "Advanced"
 - c. Press "Setup"
 - d. Press "Analysis Profile"
 - e. Scroll down and highlight the first program that is not currently designated as a species. Any species slot can be used for MOUSE by overwriting the existing species.
 - f. Press "Name"
 - g. Press "Name on Display" and type in MOUSE. Press OK
 - h. Press "Name on Printout" and type in MOUSE. Press OK
 - i. Press "Exit"
 - j. Press "Activate"
 - k. Press "Activate [X]". This should put [X] in brackets next to MOUSE

2. Enter MOUSE analysis parameters:
 - a. Press "WBC setup"
 - b. Press "More"
 - c. Refer to Table 1 and type in the designated values
 - d. Press "Exit"
 - e. Press "RBC/PLT Setup"
 - f. Press "More"
 - g. Refer to Table 2 and type in the designated values
 - h. Press "Exit"

Table 1: Analysis Parameters

Parameter	MOUSE
WBC Diff Method	4
WBC LYM-L (fl)	40
WBC GRAN-H (fl)	330
WBC MID-L (fl)	110
WBC MID-H (fl)	130
WBC LYM-MID limit (fl)	90
WBC MID-GRAN limit (fl)	175
Press MORE	
Debris Discr. Mode	3
Debris Discr. Setting (fl)	30
Extra Lysing Time (s)	5.0
Differential Fallback Mode	[x]
Press MORE	
WBC Histogram scale (fl)	350
WBC Histogram Visual Filter	4
WBC Histogram Format	1
WBC Histogram always show lines	[x]

Table 2: Analysis Parameters

Parameter	MOUSE
RBC/PLT Discr. Low Range (fl)	12
RBC/PLT Discr. High Range (fl)	20
RBC/PLT Discr. Fix FB (fl)	20
Press MORE	
PLT Histogram Max Scale (fl)	25
PLT Histogram Visual Filter	7
PLT Histogram Format	1
Press MORE	
RBC Histogram Max Scale (fl)	200
RBC Histogram Visual Filter	2
RBC Histogram Format	1

3. Enter MOUSE normal ranges:

- a. Press "Normal Ranges"
- b. Press "More"
- c. Refer to Table 3 and type in the designated values. Do not attempt to type in periods; simply enter the value as a string of 2 or 3 digits (i.e. to enter 5.0, simply type 50; to enter 99.9, type 999), and ensure the decimal point is in the correct place. Press OK to save the entry.
- d. When all entries are complete, press "Exit" four times to return to main menu screen.
- e. Your analyzer is ready to run MOUSE blood.

Table 3: Normal Ranges

Parameter	MOUSE Low	MOUSE High
RBC	6.50	10.10
MCV	42.3	55.9
HCT	32.8	48.0
MCH	13.7	18.1
MCHC	29.5	35.1
Press MORE		
PLT*	250	1540
MPV	0.0	99.9
Press MORE		
HGB	10.0	16.1
WBC	2.6	10.1
LYM	1.3	8.4
MID	0.0	0.3
GRAN	0.4	2.0
Press MORE		
LYM %	0.0	99.9
MID %	0.0	99.9
GRAN %	0.0	99.9
RDW %	0.0	99.9
RDW _a	0.0	99.9

*Platelet Range: Lower platelet reference limit modified to reflect minimum platelet concentration adequacy. Exact measurement of platelet concentration is difficult in this species. The measurement is complicated by varying degrees of platelet aggregation in almost all samples. As a result, it is recommended that the platelet concentration measurement be regarded as an index of adequacy rather than absolute concentration.

Data represents regular yellow Ay strain and is derived from Jain, N.C., Essentials of Veterinary Hematology, Philadelphia: Lea & Febiger, 1993.

For assistance, call Technical Support Services at 1-800-464-3752, option 3.

