

Rodent Quarantine Charges for fiscal year 2020-2021

Rodents acquired from other universities or institutions may not have as comprehensive health histories and pathogen testing as we require from our approved vendors (e.g. Taconic, Charles River, Jackson Labs). Such rodents pose a potential threat to our specific pathogen free (SPF) colonies and must therefore undergo a quarantine period before they can be housed with our resident populations. During this time they will be tested and treated for parasites. At the end of the quarantine period, sentinel mice that have received dirty bedding from the quarantined mice will be tested for evidence of pathogens.

The fiscal year 2019-2020 charges for those tests are listed below. Two sentinel rodents will be tested from each quarantined group of up to 100 rodents. In addition, each rodent or cage of rodents will be tested (tape and float) for pinworms, ectoparasites and, if desired, *Helicobacter*. The cost depends on the number of rodents acquired.

Antiparasitic treatment.....\$4.00 per mouse x 2 treatments
 Fecal floats.....\$22.12 per cage
 Tape tests..... \$20.90 per cage
 Fur pluck examinations..... \$22.12 per cage
 Fur mite PCR..... \$101.42 per 10 mice
Helicobacter PCR.....\$67.29 per 6 mice – only required for mice that will be housed in *Helicobacter* negative rooms

Rodents that will be housed in one of the foundation colonies also require a full necropsy examination of the sentinels (2 X \$204.84 = \$409.68) in addition to the tests mentioned below. **For rederived rodents, each foster mother acts as a sentinel to her litter.**

Cost of Sentinel Testing (2 sentinels)

MICE

16 agent viral serology screen	\$113.76 X 2 =	\$227.52
Tape test (1 composite)	\$20.90 X 1 =	\$20.90
Fecal flotation (1 composite)	\$22.12 X 1 =	\$22.12
Cecal exam	\$19.68 X 1 =	\$19.68

Total charge.....\$290.22

RATS

10 agent viral serology screen	\$107.66 X 2 =	\$215.32
Tape test (1 composite)	\$20.90 X 1 =	\$20.90
Fecal flotation (1 composite)	\$22.12 X 1 =	\$22.12
Cecal exam	\$19.68 X 1 =	\$19.68

Total charge.....\$278.02

Additional charges for rodents in quarantine are **per diems of \$1.19***, cost of 2 sentinel mice (~\$50)**, and colony management.

*This per diem does not apply to rederived rodents. Their per diem is the same as for any MIT room.

**The sentinel charge does not apply to rederived mice, as their foster mother acts as the sentinel.

Colony Management Charges During Quarantine

Initial inventory.....\$28.28 (small group)
 Twice weekly observation by DCM techs.....\$28.28/week
 Administration fee.....\$30.00/month

Refer to “Published Rodent Colony Management Charges” for costs associated with breeding rodents while they are in quarantine.