

Laboratory Animal

In a 12-week-old rat with multifocal lymphohistocytic interstitial pneumonia and perivascular lymphoid cuffing, the most appropriate diagnosis is:

- A. Sendai viral infection
- B. Rat coronaviral infection
- C. Rat respiratory viral infection
- D. *Mycoplasma pulmonis* infection
- E. *Bordetella bronchiseptica* infection

Answer: C. Rat respiratory viral infection

References: Albers TM *et al.* Histopathology of naturally transmitted “rat respiratory virus”: progression of lesions and proposed diagnostic criteria. *Vet Pathol* 46: 992-999, (2009)
Percy DH and Barthold SW. Pathology of Laboratory Rodents and Rabbits, 3rd ed, Ch 2, pp130-135; 141-146, (2007)

PROP: 0.78

RPBI: 0.46