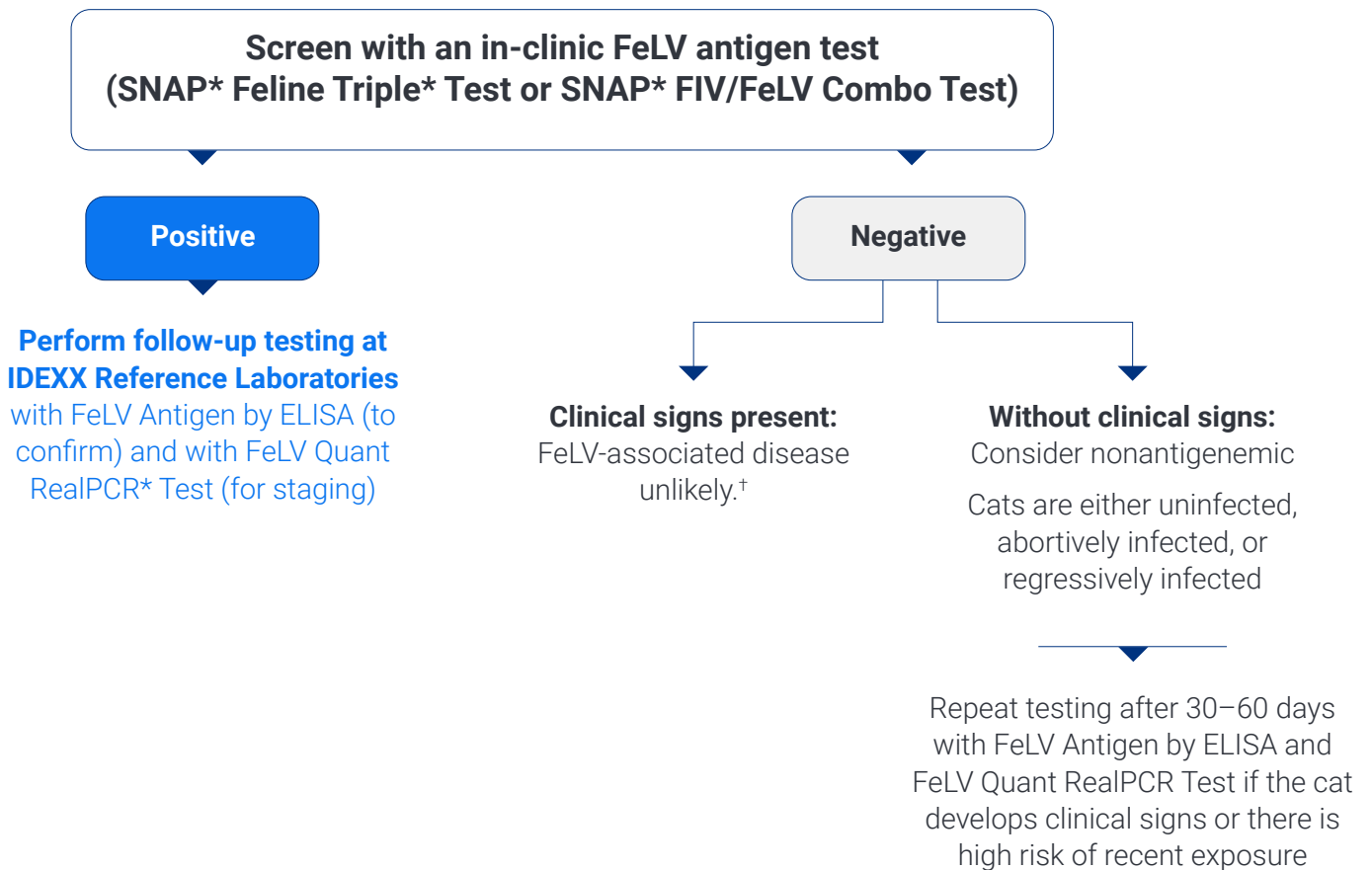


Diagnostic algorithm for diagnosis and staging of FeLV infection



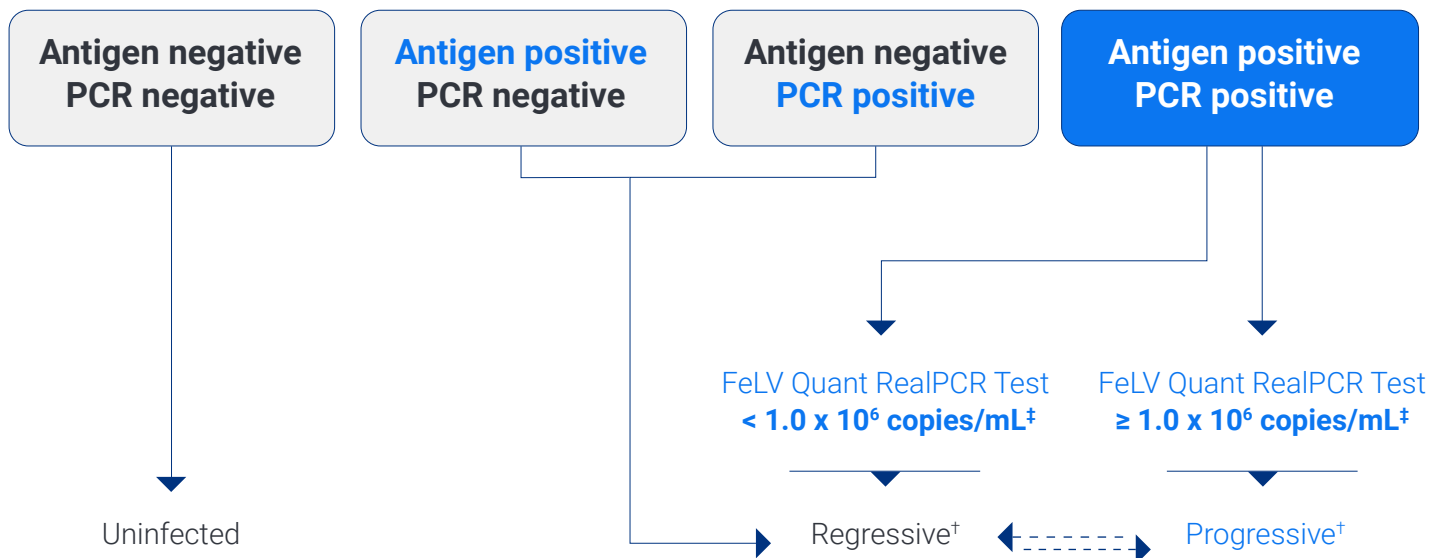
For cats used as a blood donors or for breeding, screening with FeLV Quant RealPCR Test and FeLV Antigen by ELISA is recommended.

†Lymphoma and bone marrow suppression has been described occasionally in regressively infected cats. The FeLV Quant RealPCR Test can be considered.



Perform follow-up testing with FeLV Antigen by ELISA and FeLV Quant RealPCR* Test

Staging of infection based on test results



*Cats can shift between progressive and regressive infection over the course of the disease. If clinical signs develop, retesting with quantitative real time PCR is recommended to confirm evidence of progression versus comorbidity with another disease.

[‡]Proviral DNA load (copies/mL) according to Beall et al.^{1,2}

References

1. Beall MJ, Buch J, Cahill RJ, et al. Evaluation of a quantitative enzyme-linked immunosorbent assay for feline leukemia virus p27 antigen and comparison to proviral DNA loads by real-time polymerase chain reaction. *Comp Immunol Microbiol Infect Dis.* 2019;67:101348. doi:10.1016/j.cimid.2019.101348
2. Beall MJ, Buch J, Clark G, et al. Feline leukemia virus p27 antigen concentration and proviral DNA load are associated with survival in naturally infected cats. *Viruses.* 2021;13(2):302. doi:10.3390/v13020302